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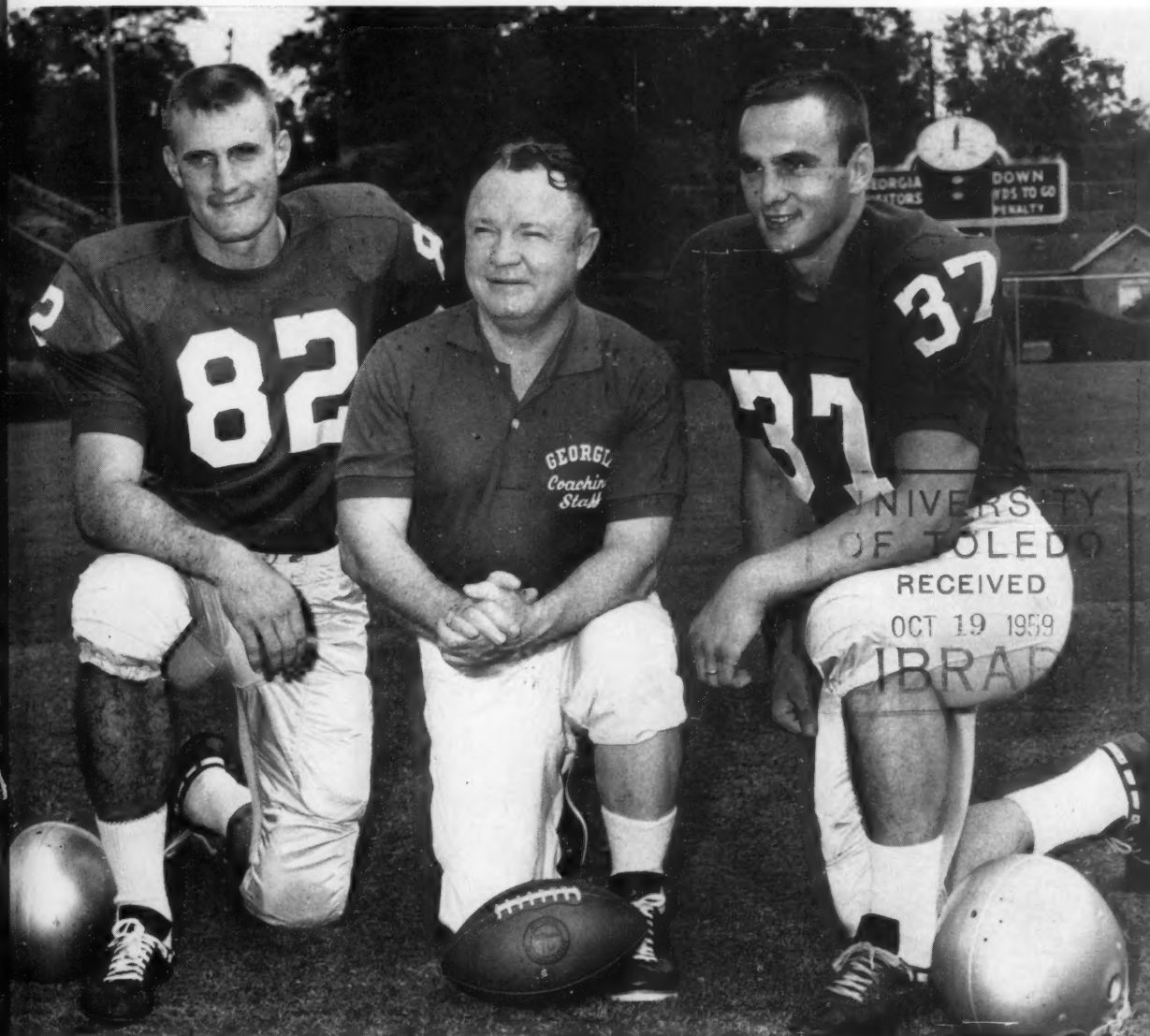
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THE MAGAZINE FOR COACHES, TRAINERS AND FANS

VOLUME XXII

OCTOBER, 1959

NUMBER 3



Coach Wallace Butts, Don Soberdash and James Vickers

University of Georgia

Campus Close-Up

College of Idaho
Caldwell, Idaho

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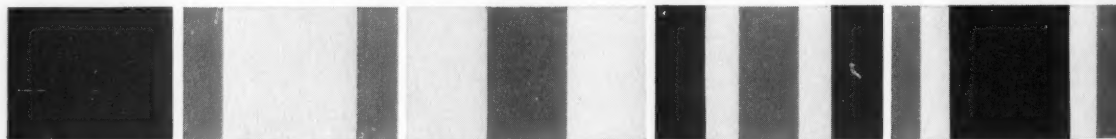


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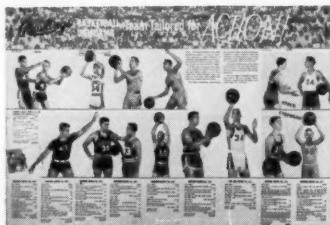
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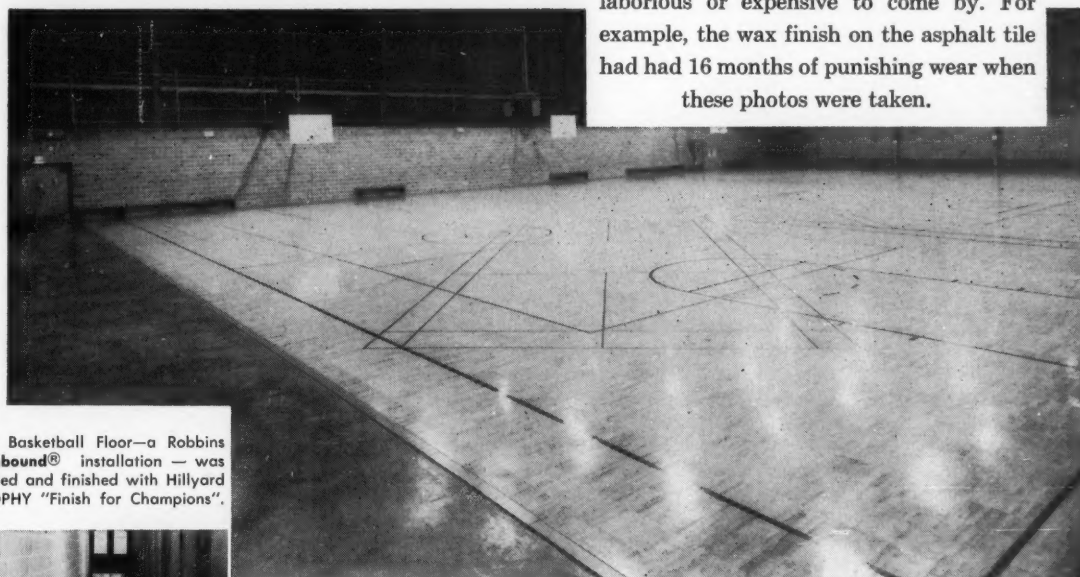
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Coach & Athlete

The Magazine for Coaches, Trainers, Officials and Fans

OCTOBER / 1959

VOL. XXII

NUMBER 3

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CAREY McDONALD

In the next issue...

Campus Close-Up

St. Mary's University

Technical Articles

Features

FRONT COVER



Coach Wallace Butts, Don Soberdash and James Vickers
University of Georgia
(Sketch on Page 31)

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By PAULI CROOKE

THERE'S A SCHOOL in the dusty West . . . College of Idaho. Pioneer on a golden quest . . . College of Idaho. Where the cowboy rode the purple sage and the Indians slaughtered in deadly rage. And the rattlesnake lay in the sun and the coyote howled when day was done! Indians! Cowboys! Coyotes and rattlesnakes! College of Idaho, the Pioneer of the West!"

So goes one of the College of Idaho "pep" songs, depicting in pretty realistic terms the early origins of the first college incorporated in the state of Idaho. The college had a true pioneer beginning in a sagebrush setting.

The Wood River Presbytery (regional division of the Presbyterian Church) wished to establish a church-related college in Idaho. Dr. William Judson Boone, a young eastern Presbyterian minister, was chosen to begin the institution. He became its first president, serving in that capacity for 45 years. At the time of his death in 1936 he was the dean of American college presidents.

From the humble beginnings of two students and eight faculty members meeting in a small Presbyterian Church in Caldwell Oct. 7, 1891, the college has grown to a beautiful campus of 75 landscaped acres set in a verdant valley and surrounded with snow-

capped mountains. There are now 14 modern buildings, a faculty of more than 60 persons, an endowment of \$1,255,536 and a growing reputation for quality instruction.

ATHLETICS have always played an important part in the life of the College of Idaho. No account can be found of the first baseball team, but the College of Idaho won the baseball championship of southern Idaho colleges in 1914.

Football was being played by the fall of 1905, although only area high schools served as opponents. Sam Ballantyne was coach and nearly all grid practices were conducted on Main Street in downtown Caldwell under the only available outdoor electric lights. In 1908 a state championship team was developed (still against high school teams). The coaches were R. D. Kyle and H. R. Cleaver. James Boone, son of the college founder and now a member of the college board of trustees, served as captain.

In 1909 the C of I squad met the University of Idaho team for the first time. The C of I Coyotes held the Vandals scoreless for 45 minutes.

In 1915 Clair Baldrige was captain of an undefeated championship football team. With the arrival of Coach Anson Carnell in the middle of the 1917 season, the fame and powers of the College of Idaho gridiron team began to grow. There was no football in 1918. The coach and all members of the squad went to war. In 1919 the college again had an undefeated championship team.

(Continued on page 8)

Finney Hall dormitory for women on the College of Idaho Campus.





Aerial view of the College of Idaho.

Campus Close-Up

(Continued from page 7)

In 1920 the C of I scored heavily against Whitman College in her first "big college" game, losing by a 14-21 score. The Coyotes also played Brigham Young University this season, defeating them 54-0. This was the first season for two of the College of Idaho all-time football greats — **Wade Lowell**, "believed to be the equal to any quarterback in the Pacific Coast," and his brother, **Blake Lowell**, a fullback. In 1921, three teams from the Northwest and Rocky Mountain conference met in competition. Not yet admitted to the Northwest conference, the C of I participated in a Southern Idaho conference, composed of Gooding College, Albion Normal school (both are now defunct), and Idaho Technical Institute, later known as the University of Idaho Southern branch and now called Idaho State College.

In 1923 the C of I again won the Southern Idaho conference championship. The team lost by a dismal score of 0-83 in a game with the University of Idaho but retaliated the following week with a whopping 114-0 score over Albion Normal.

The College of Idaho was officially admitted to the Northwest conference in 1926. In 1926 and 1927 Coyote grid-ers won the conference football title, claimed the track championship in 1926 and the baseball championship in 1926 and 1927. Track had been a popular sport on the C of I campus since 1921 when the local Kiwanis club and area fans raised money for a new quarter-mile cinder path.

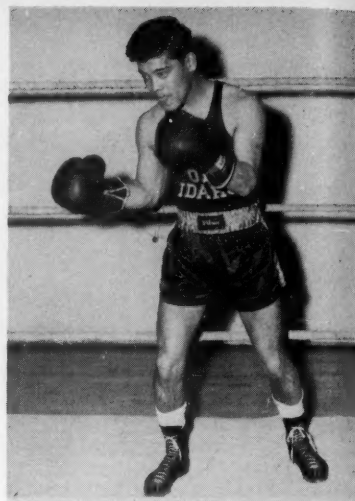
One of the most important figures in C of I athletic history, Anson Cornell resigned in 1932 after 17 years as coach and director of athletics. Coming to the C of I in 1916 his C of I teams had won the conference football championship nine times in 11 years. In 1925 Mr. Cornell was instrumental in gaining entrance into the Northwest conference for the College of Idaho. During the following four years his teams won four conference championships, two in football and two in baseball.

In 1934, under the tutelage of Coach **Loren Basler**, the C of I football squad tied for conference championship with Willamette, suffering only one defeat during the season, when it lost to the University of Idaho 0-12.

The lack of gymnasium facilities was felt particularly by the basketball enthusiasts. No basketball team was fielded in 1934 for this reason.

By 1937 the C of I Coyotes were again swinging into an important football era. **Pat Page** was coach and **Norval Heath** was halfback, **Buck Selders**, tackle; **Bob Smylie** (currently governor of Idaho) played center and **Del Burkhalter** was quarterback. **Clem Parberry** was coach in 1938 when the C of I football team won second place conference honors.

World War II called Coach **Clem Parberry** along with many of his football team members. Intercollegiate athletics at the C of I were pretty sketchy during the war years because of the lack of men on campus and the difficulty in travel to other colleges. Upon Parberry's return in the fall of 1946 he produced a second place conference team. In 1947 the Coyotes fell to third



Heiji Shimabukuro, boxing for the C of I, captured the national 112-pound title in the NCAA tournament last April and was eliminated in the semi-finals of the Pan-American tournament in August.

place in the conference. This was the first season for Halfback **Tom Winbigler**, who later garnered numerous football honors and a pro football club bid. This same year the tennis team won the conference championship in both singles and doubles.

Parberry's football team was the terror of the conference in 1948 with its only loss in 10 games coming from Willamette. The championship team included Winbigler, who named to the conference squad and made the Little All Pacific Coast team, and **Glen Ward**, who was also named All Conference. In basketball, Parberry's men placed third in the league with a 5-won-5 lost conference record.

As defending champions in football in 1949, the Coyotes lost only one non-conference game. Idaho State College downed them 14-6. The C of I defeated Willamette for the first time in 20 years of intercollegiate competition and added another league championship for the school. Ward and Winbigler were seniors and earned a number of conference and national honors. Third place was nailed down again by the basketball squad.

With the loss of a number of grid-iron greats, the 1950 squad finished in fourth place in the conference. For the third consecutive season, the basketball team eased into third place in the loop.

Piloted by a new coach, **Eddie Cole**, the 1951 Coyotes upset the dopesters

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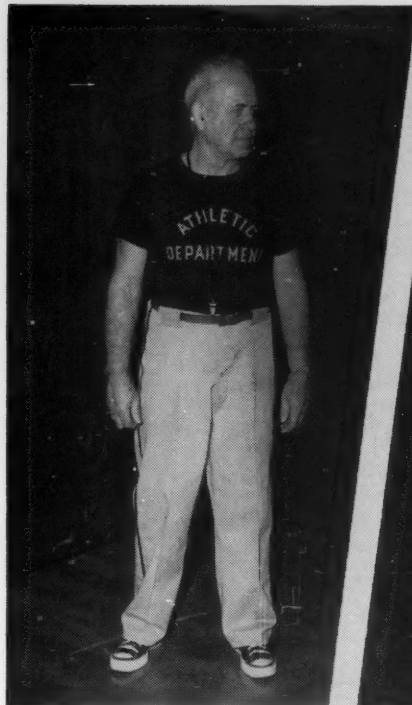
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Miss Shirley Kroeger, head of the College of Idaho health and physical education department, is believed to be the only woman to hold this position in a co-educational college in the country.



J. A. Brown



Donald Parmelee

by ending the season in second place. Highlights of the season included the upset victory over San Francisco State and the game in Honolulu with the University of Hawaii.

THE COYOTES tied for first place honors in the conference with Pacific College for the 1952 grid season, winning even out of nine games, tying one game with Pacific and losing one to Idaho State College. Longest trip was a jaunt by plane to Mexico City where they trampled the University of Mexico. The Coyotes landed five men on the all-conference offensive and defensive platoons, including the fabulous R. C. Owens as end. Owens is now a star with the San Francisco 49'ers.

Although the hoopsters only won 15 and lost 13 during the season, some of the biggest crowds in college basketball history were turning out to watch Owens and crew. Sam Vokes was basketball coach.

Vokes took over both football and basketball head coaching duties in 1953. The football season was one to remember at the C of I. The team won all its games, bringing home the Northwest conference championship trophy and many of the members gained national recognition. For the first time, the team participated in a bowl game — the Refrigerator Bowl at Evansville, Ind. Here they were edged out 14-12 for their first loss in 16 games.

The razzle-dazzle play continued that year on the basketball floor with R. C. Owens as the star. Owens rated all-conference with a 23 points per game average. He was also leading

small colleges of the nation in rebounds per game.

With Vokes still at the helm in 1954, the Coyotes managed a 7-2 season record and shared conference championship honors with Lewis & Clark. Owens and Joe Kahahawai made the all-conference string.

In 1954-55 for the first time in the history of the College of Idaho and the Northwest conference, the basketball squad achieved 15 wins and no losses. The distinguished team included Owens, Elgin Baylor, (now a sensation with the Minneapolis Lakers pro basketball team), George Makini and Dick Speiss. After winning the conference title, the team members travelled to Bozeman, Mont. to participate in the N.A.I.A. district tournament, where they lost their chance of going to the regional playoffs by losing to Montana State.

Ed Troxel became football coach in 1955 and his team tied for the conference championship. Gary Collums made all-conference, all-Northwest and led the conference in scoring, rushing and punting. The championship routine was repeated in basketball with Leonard Yandle as coach. Owens was still a tremendous drawing card. Boxing was revived this year.

The fall of 1956 the Coyotes came back to earth again. For the first time in five years they had no part in the conference championship, placing

fourth in the league. Troxel was football coach. J. A. "Babe" Brown, dean of Idaho coaches, took over basketball duties this year. It was a rebuilding year with the loss of most of the conference championship squad. The Coyotes were fourth in the loop in basketball also.

The 1957 football season was another "building" year. Five wins, five losses was the record.

Rich Maggard was the big offensive man, scoring 90 points and gaining 1043 yards for the season. Maggard made all-conference and Little All American. The basketball crew placed third in the conference and third in the District 5 N.A.I.A. tournament. The baseball team won the conference championship.

Brown moved into the position of director of athletics, head football, basketball and baseball coach. Faced with the problem of installing a new system to a squad that included only three starters from the '57 team, Brown's men only won three out of their 10 games in 1958. In basketball the Coyotes tied with Lewis & Clark for third place in the conference and lost out in the final round of district N.A.I.A. play.

Both the basketball and football prospects for 1959-60 are the most encouraging they have been since 1955.

Vic Buccola assisted in football last

(Continued on page 46)



THE HUDDLE

By DWIGHT KEITH

THE FOOTBALL COACH

By WILTON GARRISON

(Editor's Note: Wilton Garrison, the fine sports editor of the Charlotte Observer, steps into the huddle as guest columnist this month with an interesting and quite accurate definition of the football coach. We enjoyed his column and think it is worth sharing with our readers.)

WHAT manner of man is a football coach?

... He's a strange fellow who picked a precarious profession which demands that he be a combination of Knute Rockne in strategy, Winston Churchill in speaking and Benjamin Franklin in diplomacy.

... He must be many things to many men ... a Wizard of Oz ... Socrates with the patience of Job ... as dedicated as a minister.

... He must be a master of the alibi and make 'em feel he won 8 instead of losing 8 ... He mustn't swear, and people look for him at church on Sunday morning even though he went to bed at 3 a.m. ... He must be a saint, yet one of the boys.

... He deals in the muscles and brains of young men — fragile, emotional and very unstable commodities at the most.

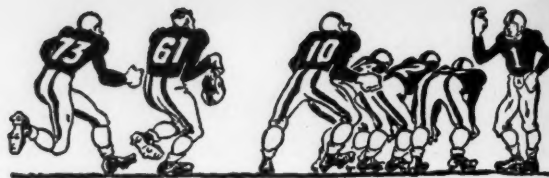
... His backers, best friends and severest critics are prominent businessmen — not one of whom would dream of trusting his reputation and fortune to 19 and 20-year-old boys as he does every Saturday.

... He's expected to remember the name of every man who attended school where he's coaching, something even the alumni secretary who's been there 30 years can't do.

... He must play, eat and drink with old grads. Breathes there an alumnus with soul so dead who doesn't like to boast: "I was playing golf with Coach So-And-So yesterday and he told me ..."

CAN'T PLEASE ... HOURS ARE LONG

ALUMNI send him elaborate diagrams of plays which "can't miss," get mad when he doesn't use them ... They expect him to give scholarships to every high school player they recommend, forgetting he doesn't have 500 a year.



... He's supposed to be nice to a \$10 booster club contributor who calls up the night before a big game and wants two tickets on the 40-yard line, being big-hearted and not asking for the 50.

... He can't please. If his team grinds out yardage, he's too conservative. If he passes, he gambles too much. If he uses the split-T, he'd get better results with the single-wing.

... If he drives his players in practice, he's too rough. If he works them easily, he's not tough enough and should bear down harder.

... He must recruit boys and then play father-confessor and nursemaid to them for four years ... keep them from getting homesick, listen to their love lives ... make them write home, change their clothes, get haircuts and study.

... He must convince an 18-year-old boy that old Branchwater U. is the best school in the world, even though rival Waybelow Normal has offered him 50 bucks more a month to go there. He must never let a good one get away.

... He must be able to take anything. A key player gets hurt and there crash his hopes and dreams on the grass, four years gone to pot.

... He works 18 hours a day and then sometimes can not sleep in the six he has left. He must always be available by telephone, must dodge ulcers, and have an understanding wife. The height of optimism is for him to buy a house.

KEEPING CALM ... STRONG STOMACH

HE MUST be able to face the press after a defeat and answer questions while his heart is breaking and he's weeping inside. He must praise his opponents when he knows perfectly well they were a lucky bunch of -----s.

... He works 12 months a year. He gets a "vacation," but must spend it seeing that somebody doesn't steal his best freshmen.

... He goes through torments of the damned every January and June, sweating out exams. One "F" for his left tackle and he's had it.

... He must have a cast-iron stomach, for that banquet menu of chicken, mashed potatoes, green peas and apple pie never changes. He must be the first man at a party and the last to leave, a jolly good fellow to all.

... He must keep the friendship of professors and of-

COACH & ATHLETE

The Magazine for Coaches, Trainers, Officials and Fans

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| (4) Well-rounded athletic programs | |

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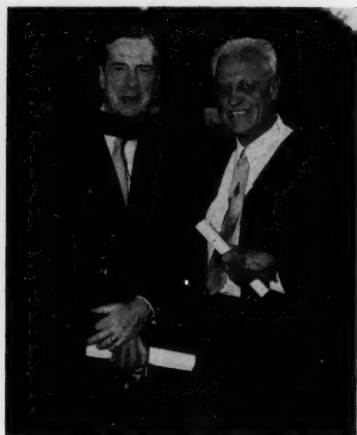
... He must be with his team every Saturday, yet know all about his opponents. If his scout doesn't see that left guard shift on X-29, he's sunk.

... He must joke with Monday Morning Quarterbacks, each one of whom knows how to coach the team better than he does ... And convince the athletic council that building character is as important as winning games.

... He must attend coaching schools and give away his closest secrets. He must keep his players entertained; they hate dull practice sessions.

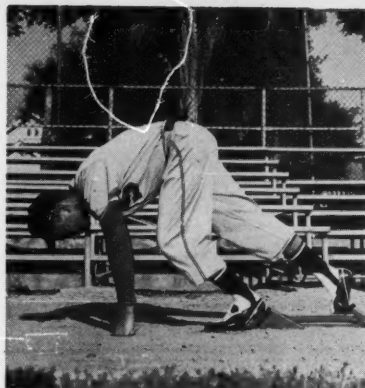
... He knows material and assistants are everything, and that his own genius amounts to very little in the final analysis. But he mustn't let anybody know this — not even his wife.

BLAIK RECEIVES HONORARY DEGREE



When former West Point Coach Earl H. Blaik (left) received an honorary degree from Miami University, where he was graduated in 1918, he visited with the man who gave him his first coaching experience at Miami 41 years ago. George L. Rider (right), Miami's track coach since 1924, still active at 68, was the one-man coaching staff for all sports when Red Blaik was captain and star end of Miami's 1917 football team. Rider placed him in charge of ends and tackles as "playing assistant coach" on a team which went unbeaten. Blaik, for several years after completing his military service divided his time between a construction business in Dayton, O., and assisting another former Miami coach, George Little, at Wisconsin before becoming head football coach at Dartmouth and later West Point.

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Fritz S. Brennecke, director of athletics at the Colorado School of Mines, has long been an exponent of single wing and shift football. He installed the system at Mines in 1947 and ever since has used the single wing and shift "T" to good advantage in the Rocky Mountain Conference. He coached the Orediggers to RMC championships in 1951 and 1958. He is the author of many football articles (some previously printed in *COACH AND ATHLETE*), many concentrating on physical fitness and place kicking. He is an advocate of "simon pure" college athletics and in 1951 drew national headlines when he criticized major institutions for over-emphasis and over-subsidization. His teams have consistently been made up of high-academic-ranking engineering students and his past team honors include as many scholastic and academic all-Americans as football little all-Americans. He holds a lifetime record of 41 wins, 60 losses and 7 ties in football.

"Mechanics of the Shift"

THE SHIFT, at one time extremely popular, is not in wide use in American football today. There are, however, coaches who are convinced of its merits and would like to use the maneuver if they knew more about the mechanics of its execution.

At Colorado School of Mines we have used the shift for a number of years. Through experience we have come to realize its advantages as well as its limitations. These have been rather comprehensively treated in the first installment of this article entitled, "Advantages of the Shift," *COACH & ATHLETE*, September 1959.

For coaches who have been giving some thought to using the shift or who are interested in exploring its possibilities the following explanations and diagrams show how we execute it at Mines. They may provide some helpful information.

Our preliminary formation is an unbalanced line with a "T" backfield. See diagram 1.

From this formation a great many different alignments can be rapidly achieved by means of a shift.

ADVANTAGES OF THE SHIFT

By FRITZ BRENNECKE

Athletic Director and Head Football Coach
Colorado School of Mines

(Second of Two Installments)

In the "T" the interior linemen are instructed to take maximum splits allowed by the defense but not so great they can't close in to three inch spacing. Diagram one shows spacing we hope to attain. If a shift from this formation to another has been called the linemen will close in to approximately three inch intervals as the shift is made; provided the game is not being played under NAIA rules. If this is the case, the interior linemen take whatever split they feel is best suited for the play as they first line up after leaving the huddle. They make no further adjustment as the backs and ends shift. Ends space themselves at any distance from their inside teammates which they think might give them the best advantage if the ball is to be snapped while the team is in the "T" formation.

The backs line up in a normal "T" formation. Halfbacks are approximately three yards deep and two yards out from the fullback. The latter is directly behind the quarterback and three and one-half yards deep.

Since quite a few plays will be run from the "T" it is recommended that both backs and linemen take the regular stance commonly used by advocates of this formation. Generally, this is a three-point sprinters stance for the halfbacks; a balanced three-point stance for the fullback; and for the linemen the usual three-point stance with weight well forward.

One of the problems encountered in using a shift is to keep both linemen and backs from tipping off whether the ball is to be put in play from the

"T" formation. Unless constantly reminded, they have a tendency to use a relaxed stance if a shift is to be made; a tense one if the ball is to be snapped while in the "T."

The shift can be made in almost any way that best suits the taste of the coach. There are no hard and fast rules as to how it should be done.

At Mines we execute it in four counts with the quarterback calling the cadence as follows: "Ready, hike! 1,2,3."

If the backs are to shift to the right they step out with the right foot as the quarterback says "hike." The shift is then completed on the count of three. If the shift is to the left the first step is made with the left foot.

With a little practice the maneuver can be executed smoothly, smartly, and naturally, with all four backs coming to a full stop simultaneously.

If a line shift is desired the line men execute the maneuver in a manner similar to the backs except, of course, that the steps they take will be in a lateral direction and much shorter. They simply close in from, for example, a twelve-inch to a three-inch gap.

To make sure that the one-second pause after the shift is observed our quarterback before commencing the snap count calls "set" in two syllables with a rising inflection — thus, "se-et." This is done just as the backs complete their shift and consumes a full second. Therefore, we seldom violate the rules in this respect.

To shift into single-wing, which next to the "T" is our most commonly used formation, the right halfback

(Continued on page 44)

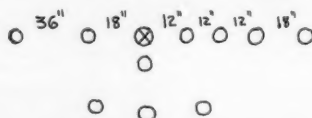


Diagram #1

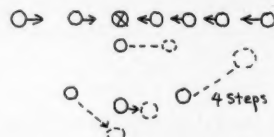


Diagram #2

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STUNTING IN THE SECONDARY

By PAUL "Bear" BRYANT

Head Football Coach, University of Alabama

IT IS A VERY IMPORTANT "MUST" for all "good" football teams to be sound in their defensive secondary. There are some basic principles that we must all follow but we should be very careful or we will find our secondary getting in a "rut."

Many times our secondary starts reacting and using the same maneuvers for certain passes. We have a set way to cover a straight drop back pass and a set way to cover action passes. This can be very costly if your opponents pick up your maneuvers while they are scouting your team.

One of the basic principles that we try to teach our quarterback when we are discussing different phases of the passing game is where not to throw the football. If we do not complete the pass, but on the other hand, the opponent does not intercept it, then we still are not in bad shape. But, on the contrary, you all know the effects that an interception can have.

In order to do an intelligent job of telling our quarterbacks where not to throw the ball, we must know the maneuvers of the opponents defensive secondary on action passes and drop back passes. However, we always give our opponents credit for being as smart, or smarter, than we are, and if they must know the maneuvers of our secondary men to do an intelligent job of instructing their quarterbacks where not to throw the ball, we decided to make their job even more difficult by using some stunts in our secondary.

After we started to experiment with some stunts, we found that these stunts were actually serving a two fold purpose. Not only was it confusing the opponents but it was also helping us to eliminate some problems of indecision that our corner men were having on certain occasions. By giving each man a specific assignment and by letting his assignment be determined by the flow of the offensive back and not by keying different position, this greatly reduced our mistake.

When we are using a particular stunt

in our secondary, we never want to weaken our coverage at any point, but on the contrary, we think we are strengthening it. We have four (4) stunts that we feel like we have gotten a lot of good out of from time to time. The stunts are: Thunder, Robber, Gangster and Lightning. After carefully analyzing these stunts, we came to the conclusion that we were usually having two or three men swap assignments, having defenders come from different angles, but still covering all the regular areas.

"THUNDER"

"Thunder" is the name that we have given to a stunt that will be between our defensive right halfback and right corner man, which will constitute a team, or our defensive left halfback and left corner man which will also constitute a team. Each team will be completely independent of the other team. What the stunt really amounts to is the halfback and corner man will completely swap assignment unless the flow goes away from them. For example, let's say the offense runs an action pass to their right side. With an action pass of this type, our left corner man would ordinarily drop back eight yards deep and cover the short flat area but with "Thunder" called, he will turn to his outside and sprint back and cover the deep third of the field to his side. The left defensive halfback, who ordinarily would cover the deep area on this particular type pass, will come forward and out and cover the short area that corner man would ordinarily cover. Not only have we given the quarterback an entirely new picture to look at, but we have strengthened our coverage by having our halfback come forward through the hook zone, going to the flat area.

I mentioned earlier that one of the advantages of these stunts was that it takes away any point of indecision for our corner men. When we are using our regular coverage and the flow goes



Coach Bryant, a native of Fordyce, Arkansas, attended the University of Alabama where he teamed with Don Hutson on the great Alabama teams of the mid-thirties. An All-Conference end, Bryant was retained by the late Frank Thomas as assistant at Alabama from 1936 to 1939. He then served as assistant at Vanderbilt for two years. After Naval service in World War II, he went to the University of Maryland to begin his head coaching career. He gave Maryland a 6-2-1 record and then went to Kentucky for an eight-year span. His Wildcats won 60, lost 23 and tied 5 and played in four post-season games under his regime.

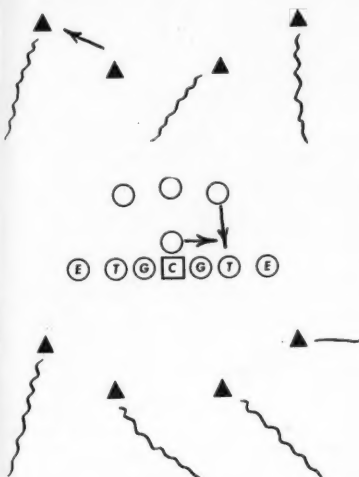
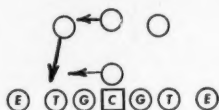
He went to Texas A & M in 1954 and has led the Aggies from the bottom to the top of the tough Southwest Conference.

Now in his second year at Alabama, the Tide is beginning to ride again at the Capstone.

away from our corner man, he will sprint to his outside and cover the deep third area, but when the flow comes toward him, he has to key the offensive end and determine if he is blocking, slamming, going down field to block or to catch a pass. The action that our corner man will take will largely depend upon the action that the offensive end takes. But, when we have "Thunder" called, the corner man knows that on the snap of the ball, regardless of what kind of play the offense will run, he will sprint

back and cover the deep area to his side of the field.

The signal caller in our secondary can call "Thunder" for our right side only, left side only or both sides at the same time. If he calls it for both sides at the same time, then the direction in which the offense operates will determine which side of our secondary will play "Thunder."



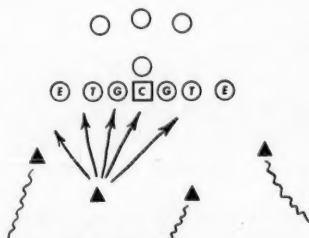
Thunder

"ROBBER"

"Robber" is another one of our stunts that serves a twofold purpose of eliminating indecision and an element of surprise.

Our "robber" will be someone playing right defensive halfback or left defensive halfback, depending upon our game plans. However, we will never have "robber" called on both sides at the same time.

For example, let's say our left defensive halfback will be our "robber." On the snap of ball, regardless of the flow, our left corner man will sprint back and cover the deep third of the



Robber

field to his side, our right defensive halfback will cover the deep middle of the field and our right corner man will cover the deep third to his side of the field. On the snap of the ball, our "robber" can go anywhere that he thinks the opponents will run. This is a very good element of surprise because we will get an additional defender at the point of attack and he can be very reckless due to the fact that he does not have any designated responsibility. We like for our "robber" to try and second guess the opponent's quarterback. When a pass play de-

velops, he is in a very good position to break up the short passes.

We do not use this as a steady diet, but we get a lot of good from it by having the "robber" to pursue the ball recklessly.

"GANGSTER"

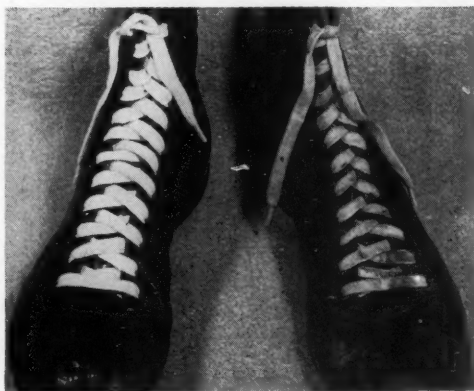
"Gangster" is a stunt that we particularly like with a 4-5 defense or any nine (9) man front defense where our linebackers will line up a little wider than ordinarily.

This stunt will be between three
(Continued on page 45)

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THE CRITICAL SITUATIONS

By **MARV LEVY,**

Head Football Coach, University of N. Mexico

Coach Levy's athletic career began in Chicago where he played end at South Shore High School. Then, after three years in the air force, he enrolled at Coe College. Besides starring as a half-back at Coe, he graduated in 1950 with a Phi Beta Kappa key. He then took his master's degree at Harvard and began his coaching career at St. Louis Country Day School where his football teams compiled a 13-1 record.

Levy returned to Coe College in 1953 as backfield coach and helped his former coach, Dick Clausen, mould three Midwest Conference championship teams.

He moved with Clausen to New Mexico in 1956 and when Clausen became athletic director at the University of Arizona in 1958, Levy was named head coach. In his first season, New Mexico won 7 games, lost 3 and finished in second place in the Skyline Conference. He was named Coach of the Year for the Skyline Conference.

ALL COACHES, I am certain, devote many hours on and off the practice field to preparing their basic offense, defenses, and kicking game. It is understandable that they do so since about 85% of the plays which take place during the average football game will involve the employment of a basic offensive maneuver, a basic defensive maneuver, or a routine punting or kickoff situation.

There appears to be an overwhelming number of possible situations which **might** arise during the course of a football game, and quite often a coach will feel that since there are so many possible situations of a varied nature it is impossible to anticipate which ones might come up during the course of any particular game. The conclusion at which the coach often arrives is that he cannot afford the practice time to waste on situations which, if they come up at all, will only occur once or twice a season. Thus, they hope that if these situations do occur during the course of the game they can rely on their players "presence of mind" or "good, common football

sense" to cope with the emergency.

The fallacy in this approach, however, is that very often when these situations do occur the outcome of the game hangs in the balance. For that reason we have termed the unusual, but important, situations which can arise during a football game to be "critical situations." Without exception we feel they must be practiced enough to prepare your players to react in a desirable manner.

I would like to stress the word "enough." If you neglect to practice an element of the game you are running great risks. But if you practice an element of the game without devoting enough time to it so that your players understand it you not only are running a risk but you are wasting time which, at least, could be used valuably in another department of the game.

We feel, therefore, that it is essential to expose our squad on frequent occasions to these critical situations.

What are these situations and how are they dealt with?

First of all, we make a "critical situations" check list, the contents of which appear below:

- Onside kick
- Onside kick defense
- Field goal coverage
- Field goal return
- Quick kick return
- Intentional safety
- Handling the partially blocked punt
- Goal line defense
- Automatic spread defense
- Fair catch
- Third down situations
- Fourth down situations
- Clock practice
- Victory Series
- Prevent defense
- Getting the ball

Some of the listed situations such as goal line offense, goal line defense, third down situations, and fourth down situations are likely to come up more than just rarely. Yet, we include them on our critical list because of the importance we attach to them.

Almost all of the live scrimmage which we have, once the season has be-

gun, involves the four situations mentioned above. Unless a team is vastly superior to you it usually does not make a first down during its first two scrimmage plays. Thus, the third down becomes critical. We like to have our players realize the nature of the situation and have our defensive signal caller make his selection on the basis of the tactical situation. The same process is employed from the third down offensive point of view.

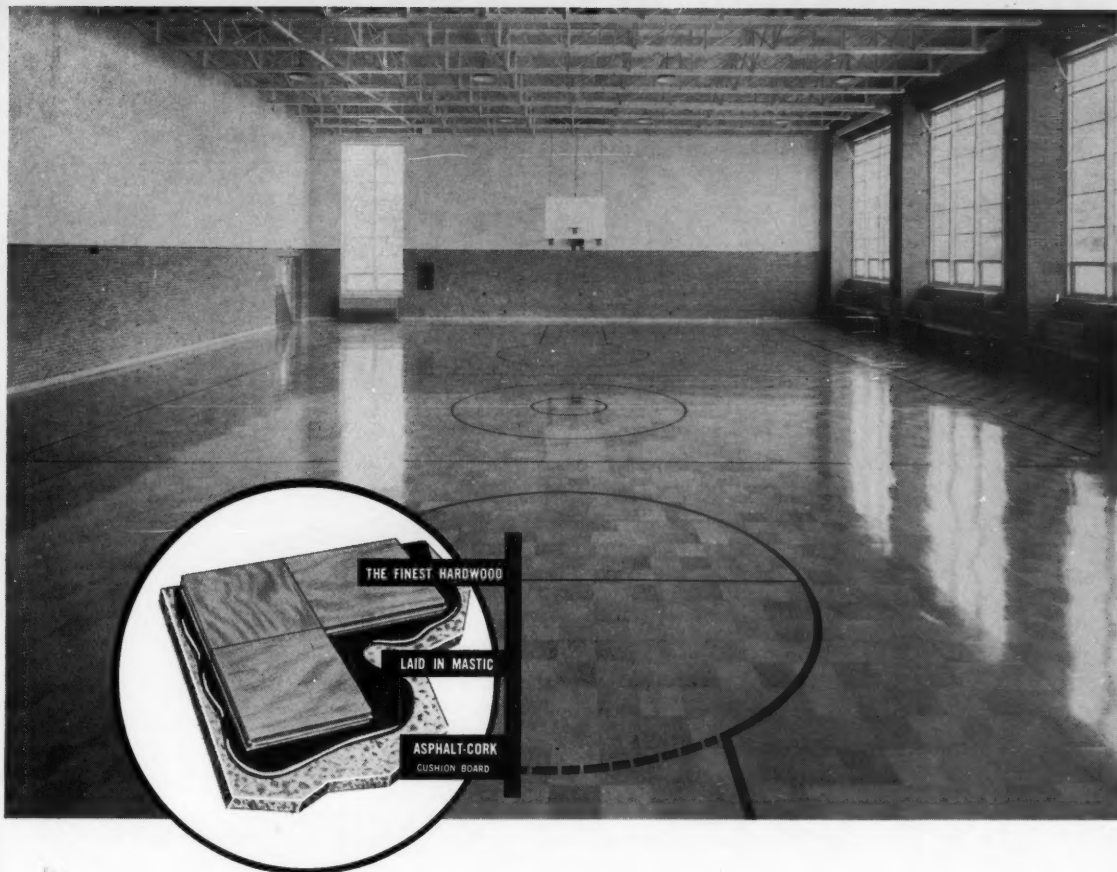
Our greatest concern in dealing with fourth down comes from the defensive standpoint. Whenever there is a dubious punting situation we want our defense poised and prepared for either a thwarting of our opponent's first down attempt or for a punt return. To accomplish this our signal caller calls **both** a scrimmage defense and a punt return. Our team lines up in a scrimmage defense, but should our opponents come out in punt formation we will convert smoothly to the punt return formation that was called. This should be a formation which still is prepared to meet a fake punt maneuver.

Since the nature of a team's defense and offense changes when the goal line is being threatened, we feel it is essential to practice at great length in the goal line area. In this way we can become accustomed to any blocking changes and to the changed tempo of contact. Success or failure in this area is measured by whether a touchdown is scored or not, and the crucial games are most often decided by the margin of a single touchdown.

There is a great deal of hidden yardage in the kicking game, and for that reason we set aside fifteen minutes from every practice session to deal with some aspect of the kicking game. This means not only attention to the routine aspects of punts, punt returns, kickoffs, and kickoff returns, but a thorough grounding on some unusual happenings relative to the kicking game.

We help our players distinguish between a blocked punt and a partially blocked punt to the extent that we do not want them scrambling around try-

(Continued on page 27)



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THE WORK-OUT CHART

By **BOB KING**

Head Football Coach, Furman University

(VIA AN OPEN LETTER TO COACH RAY ELIOT)

Robert B. (Bob) King is at once one of the most popular and accomplished athletic figures ever to graduate from Furman. In his first year at Furman his team won two and lost 7, but observers consider it highly gratifying from the standpoint of his freshman players and the team's steady improvement during the season.

He was an all-Southern end for Furman in 1936, graduated in 1937 and remained as an assistant until the beginning of World War II. His Navy tour, included coaching and playing at Chapel Hill, N. C., where he was an athletic officer.

After the war King was an assistant at Furman for the 1946 season and the following spring was invited to join the staff at the University of Illinois, where he remained as end coach until last December.

During his coaching tour at Illinois, the Illini were Big Ten champions once, tied for the title once and were Rose Bowl champions in one season.

King is a native of Ranger, Texas and was an all-around athlete at Furman. He is regarded as one of the greatest football players ever to play for Furman and observers in the Midwest have described him as one of the most talented coaches in the game.

King has announced his hopes for Furman as "gradually elevating the status of football on a sound and long range basis."

DEAR COACH RAY:

The day I left Champaign we agreed that if either of us worked out any innovations in football that we would exchange them. I have seen you several times since leaving but those times were so crowded with other things that we didn't get to talk much football.

We here at Furman did one thing this spring which we always talked about doing at Illinois, but never did quite get around to. We prepared a daily work-out chart. This chart established our work-out as far as the time for various activities was concerned. Ha, ha, no, Coach, I am not going to renew our long lasting discussion about how much time should be spent on offense as against defense. The daily work-out chart permits every coach to divide his time as he sees fit, but the

use of the chart allows him to make this decision in the off season and in much less time. It also allows for variation and adjustment to take care of a specific situation which might arise. Incidentally, Coach Ray, I have come to realize more and more the value of the statement I have heard you make many times — "Let us not wait until this fall to decide how we are going to defense Michigan, Ohio State, Northwestern, etc. We can do that right now in the quiet of this meeting room." Now, Coach, let me hasten to explain that I am not talking about a work-out **schedule**, which you always insisted on at Illinois, and we have always done here. The innovation which I am talking about is what we call a work-out chart. Perhaps the best way to present this idea is to first draw a typical work-out chart for you and then break it down. Again I want to emphasize that the idea of a chart rather than the activities or time schedule is the point I am making. We used this chart idea in spring practice, and it cut down tremendously the length of time it took us to plan our work-outs. Of course, we have every one of the charts on file, and we can tell to the minute just how our time

was used in our twenty practice sessions this spring. We plan to use the same idea this fall, but of course, the ingredients will be different but the idea will be the same. **Diagram #1** shows a typical work-out chart.

As you can tell at a glance, the below work-out lasted for two hours and forty minutes. You can also tell that it was an offensive work-out, predominately. This work-out was planned in just a few minutes, and I think the chart made it much more simple. It just occurs to me as I write that another time saving element in planning a work-out for us is the fact that we have named our drills and all the players and coaches know what we mean when we say we will do the guard-back drill for fifteen minutes. Another time saver I am sure is the fact that we put our teams in different colored shirts as we always did at Illinois. Now, to get back to the chart idea. I will try and explain one at a time the five periods contained in the chart.

THE WARM-UP PERIOD. The length of this period was constant but contained a number of different activities. All of them would be considered warm-up drills. Calisthenics were often given

SPRING PRACTICE WORK-OUT CHART

3/6/59

Diagram #1

WARM-UP	DEFENSE	OFFENSE	SPECIAL-ISTS	TEAM SPECIALTY
2:50-3:00 Line Sleds and Defensive Fund	3:00-3:30 All Linebackers & Safeties 15' Gold vs. Blue (Pass Def) Green & Red (Reaction Drill)	3:30-5:00 40' Backs-Gds-Centers Guard-Back Drill 20' Buck Series 20' Back-to-back Drill Power Series	5:00-5:20 Punters P.A.T. K. Off Gds-Pull Tac.-Def. Pass. Rec.	5:20-5:30 P.A.T. P.A.T. BLOCKING K.O. K.O. Return Punt: Spread & Regular Punt Block Punt Return: 4th & 3rd down
Backs Dodge Drill	15' Green & Red (Pass Def) Gold & Blue (Reaction Drill)	Ends & Tackles 10'-Sled 30'-Technique sig. "2" Blocking "Over-Call" vs Gap 8		
	Tackles & Guards Red-Green-Gold-Blue 30' Individual work on defensive fund	30' Pass & Pass Protection Backs Passing Line-Pass Protection 20' Dummy 10'-Rough		
		20'-Signal Drill All Hands		

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DIAGRAM #

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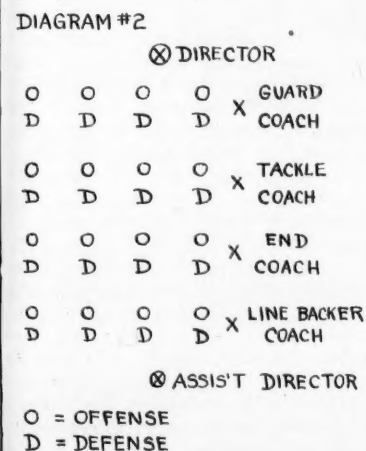
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O = OFFENSE
D = DEFENSE

during this period and they were designed to loosen up the body and also to condition certain parts of the body, particularly the abdomen. We rely on our weight lifting program to do most of our muscle building. This period will be given over to different types of agility drills this fall as we did in the spring. Of course, all of our agility drills are designed to develop a football skill. All of these warm-up drills are used at various times and the activities are changed to keep the period from becoming a bore. Our favorite activity for this period is the one shown on the chart. This is another little innovation I wish to pass on to you for what it is worth. The drill is known as the **sled and defensive fundamental drill**. This drill fills a need that most coaches feel and that is to give every man on the squad some work on the basic fundamentals of offense and defense in as short a time as possible almost everyday. The part of the drill I am going to describe pertains to the line rather than the backs. When we are using this particular drill, the backs are going through a dodging drill in which they practice the side step, the spin, the shoulder dip, and other ball carrying techniques. Now as far as the line is concerned, this ten-minute period is broken into two five-minute periods, and we devote five minutes each to offense and defense. Keep in mind that all techniques have been taught and that this is a whole squad drill which can result in a lot of pep and spirit, thus launching a good practice session. For the most part we work four deep. This doesn't necessarily mean that we have a large squad, but it does mean that we try and give some time and work to every boy who reports for the team. The offensive part of this drill consists of rotating our seven offensive line men against a

(Continued on page 28)

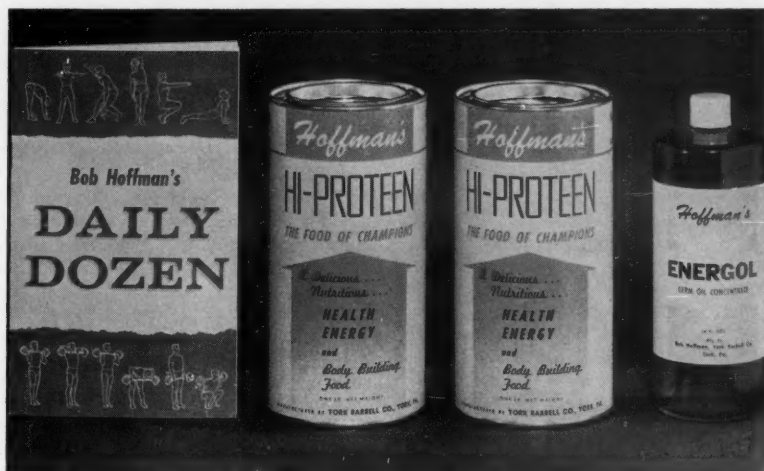


IF YOU ARE A SUPERMAN

If you are a superman naturally, you can practice your sport and perhaps become a champion. But if you are just an ordinary man to begin, what do you do, just become an ordinary athlete? Or do you do like Olympic champions Bob Richards, Mal Whitfield, Parry O'Brien, Al Oerter or other great champions and record holders Bill Neider, Don Bragg, John Thomas, Billy Cannon, Jackie Jensen, Pete Dawkins, Bob Gutowski, Bob Backus, Frank Stranahan, Dick Cleveland and Al Wiggins, train with York Barbells, the Bob Hoffman way? 16 of the men who won Olympic championships at Melbourne, were Bob Hoffman's boys grown up, boys who started to read Strength & Health magazine and train with York Barbells, when they entered their teens. And almost without exception these men used Hoffman's Hi-Proteen and Energol. The Olympic team, the Pan-American team, the teams which competed all over the world, were supplied with Hoffman nutritional products.

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To get on the right track to greater athletic success, to improve at your chosen sport, you need barbells. We will be pleased to send you a complete catalogue of York weight-training equipment. York is by far the oldest and the largest in the field; you need all the "know how" you can get. Plan now to obtain the book BETTER ATHLETES, this 400-page book with 300 pictures and illustrations is moderately priced at \$5.00. You can order it from Bob Hoffman, York, Pa. Make use of the instruction it contains, plan to visit our new building in York, attend some of the clinics devoted to weight training and the building of better athletes.



Pictured here is the Hoffman's Hi-Proteen-Energol-Daily Dozen Bargain Special. Priced at only \$7.50 for a generous month's supply of these two wonderful nutritional products, it is a rare nutritional bargain in today's usual high-cost market for nutritional products.

Start making Hi-Proteen and Energol a regular part of your diet. We are offering bargain combinations to encourage you to benefit from these excellent products. For those who want more strength, muscle and added weight, we offer The Gain Weight Special, two cans of Gain Weight Hi-Proteen, purchased separately, \$3.00 per can; a pint of Energol, enough of both products for a month, and the already world-famous DAILY DOZEN, all for \$10.00. If you want to order Energol separately, it is priced at 8 oz. bottle \$3.00, pint \$5.00, quart \$8.00, gallon \$25.00. You will fill 16 \$3.00 bottles with a gallon. If you don't particularly want to gain weight, just to have super health, more strength, greater endurance, we will send you our Bargain Physical Fitness Special, Hoffman Super Hi-Proteen in both tablet and powder form, pint of Energol, Daily Dozen, for \$10.00. This is the combination which so many of America's greatest athletes have been using to their great advantage. You can purchase these products direct from Bob Hoffman, York Barbell Co., York, Pa., or from a health food store if there is one near you. If we can help you in any way, just make your wishes known.



The Philosophy of

THE PRESS DEFENSE

By PETE NEWELL,

Basketball Coach, University of California

Coach Newell has been chosen Northern California Coach of the Year for the past three years and last year was named Coach of the Year for the nation. Last season, Newell took a squad picked for fourth place in the Pacific Coast Conference and won the national collegiate championship. His five year record at California is 91 wins and only 42 losses. During the last three years, his teams have won 65 and lost only 18.

THE PRESS DEFENSE has increased immensely in its popularity throughout the country in recent years. It is not, however, a defense that has recently become a part of the game. In the early years of the game the press defense was used, but not in the diversified manners that the modern game has brought about. Each year we find more advancement in defensive theory and the press and its many variations are a large part of the advancing theory. Where formerly the press defense implied a baseline man-to-man pick-up defense, we now perceive various types of zone combination press defenses, along with the straight man-to-man pick-up. These press defenses may meet the point of the ball at the baseline, near the midcourt line, or in the vicinity of the backcourt foul line. In the past eight years, four NCAA winning teams have relied on the press defense as their basic defense. Each of these teams — Kansas, 1952; U.S.F., 1955-56; University of California, 1959 — while their pressing defense differed slightly in principle, yet were similar in objective. The type or types of presses used should encompass the abilities and limitations of the personnel. The amount of practice time spent in perfecting these defenses should be related to the amount of game time you will depend upon the defense.

In advancing team defensive theory of the press, a thorough individual understanding is important for full effectiveness. This type of defense has great squad appeal and because of this general acceptance the team will usual-

ly have a desire and confidence in its employment.

Many teams employing the press defense depend entirely upon one type of press. If the offense solves the defense, the value of the press is lost. Because the press is a gambling defense and extends itself over half the court area, at least, the effectiveness of the defense will vary. Good scout reports, adequate preparation by the opponent and clever ball-handling opponents are but a few of the problems that confront a press defense team. The element of surprise is always a strong factor in the employment of a press defense, but teams that depend principally upon a press have little chance to surprise the opponent. It has been our theory that flexibility of your press defense will, to a great degree, counter these problems that confront a press team. This flexibility implies defensive counters to the offensive plan of the opponent as he attempts to penetrate the press. A team employing a zone press must be penetrated in a different manner than a team using a strict man-to-man defense. A switching press defense will cause offensive problems that differ from those of a zone and strict man-to-man.

OUR THINKING is simply to vary our press defenses, and we attempt to test the offense in its ability to change their operation as we change our defensive plan. We attempt to disguise the type press we are playing. The effectiveness of these changing defenses is contingent upon the ability of the defensive team to play each press, up to a point, in a similar manner. Because of the many reasons that dictate the use of this type of defense, it is difficult to understand why some teams fail to practice the defense. These teams organize their press at a time-out late in the game when their team usually is behind in the game. A quick rundown on individual assignments, a reminder that the team is behind and must get the ball constitute their preparation and philosophy of the press. The chance of this type of press answering the imminent problem of getting the ball is

slim. The press defense requires thorough physical preparation, an individual and team theoretical approach, and a common understanding and plan of acquiring the ball. It can't be accomplished in a one-minute time-out with any consistency of success. A coach is deluding himself in his thinking if he feels he will not have occasion to rely upon the press to get the ball some time during the season.

ADVANTAGES

The reasons for the employment of press defenses are many. The most common use is late in the game, when behind. It can also prove effective at the start of a game or late in the half. Sometimes at the commencement of the second half a team will be caught by surprise. It is a good weapon for speeding up the tempo of the game. A fast-break team can be stalled completely by a slow breaking team offensively, but can force a faster game pace by their use of a press defense. It is significant to note that the surest way to speed the game tempo is through defense. Teams dependent upon the fast-break offense should fully realize this advantage a press defense will give them. Other situations that indicate a need for a press defense are when playing badly conditioned teams, poor ball-handling teams, weakly organized teams, slow moving cumbersome clubs, inexperienced teams, teams with poor dribbling guards and tense, excitable opponents. Additionally, pressure defenses cause set, pattern type teams to operate in unfamiliar zones, change their timing of play and force a tempo not entirely to their liking. Important games on your home court can prove to be ideal circumstances for the employment of your press as the strange court to the opponent, unfavorable spectator reaction, unfamiliar surroundings all tend to increase the tenseness of the opponent. We have found the press defense is a fine decompressor for our team in important games and the inclination for tenseness is reduced greatly by the use of the de-

(Continued on page 33)

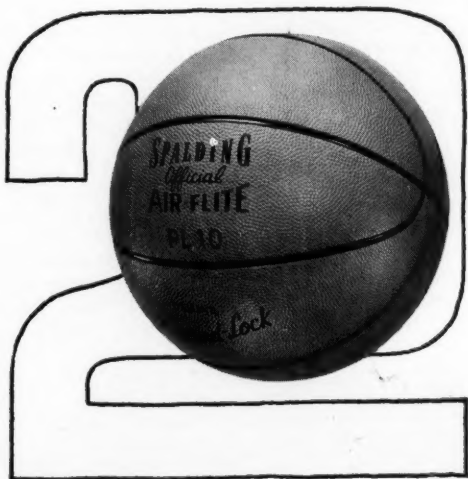
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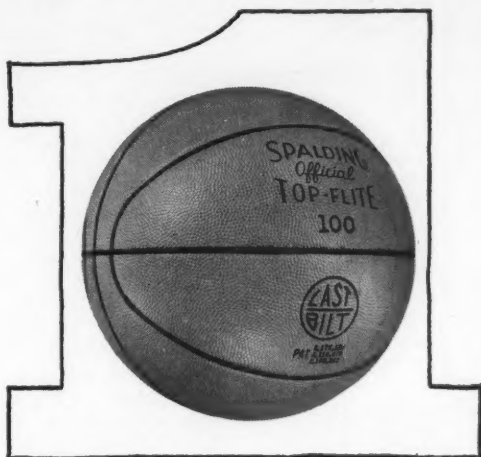
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SHOULD ATHLETES DRINK MILK?

By **CEC BAKER,**
Basketball Coach, Utah State University

Coach Cec Baker completed his ninth season with Utah State University as Skyline Coach-of-the-Year.

His 1958-59 Aggies posted a 19-7 season record, best win-loss record in the court history of the university.

The runner-up Aggies of Skyline play set new team records for highest point average (75.5 per game); highest field goal percentage (.425 for 26 games); and most field goals (782) for the season.

Baker's nine-year record in tough Skyline loop action is 65 wins, 70 defeats. His NCAA coaching record is 121 wins, 123 defeats.

THERE ARE MANY CONFLICTING IDEAS among coaches regarding the value of milk in an athlete's diet. Most controversies have centered around the diet of people participating in athletics, particularly on the day of competition.

Since most criticism seems to come from people connected with athletics, selected negative criticisms are included in this article.

Mr. Deland, physical therapist and athletic trainer at the University of Utah, states, "I have cured many people's asthma, sinus, colds, etc., by taking whole milk away from them. Furthermore, I increased the endurance of many athletes by having them substitute powdered skim milk for whole and pasteurized milk, and consume far more orange juice."

Walker says milk is the most mucus-forming food in the human dietary system, and from infancy to senility, is the most insidious cause of colds, flu, bronchial troubles, asthma, hay fever, pneumonia, tuberculosis, and sinus trouble in his experience. He states future, that cows' milk was meant for calves — not humans, and that it contains 300% more casein than does mother's milk. Casein is that material which is used to make the finest quality glue for woodwork. Imagine what it does to the human digestive system. The large amount of phosphorus, an acid forming element in milk, is also blamed for human ailments.

Walker also states, "The human body must exercise a vast amount of effort to metabolize cows' milk, and the result

of this effort, coupled with the inordinate amount of casein content of the milk, is the cause of the mucus ailments which afflict humanity."

Some writers go so far as to say it causes cancer and tuberculosis, and some medical doctors remove milk from the diet of babies and adults with certain respiratory disorders.

Coker says, "Whole sweet milk, when taken at meal time, has an alkaline reaction in the stomach and tends to counteract the natural acidity of the hydrochloric acid in our digestive juices." He also indicated that the undigested fat in "too rich milk" combines with calcium, thereby preventing this vital mineral from reaching the blood stream. This can result in a serious calcium deficiency, despite the most earnest effort to drink plenty of milk for calcium. He indicated that they use only skim milk for their athletic teams.

Dixon states that milk should not be allowed before a game because it is slow digesting, and can cause dry mouth.

Hobensee says, "In a considerable number of sinus conditions, the fat content in milk is blamed." Many of his students in various parts of the country after eliminating milk from their diets, have been able to eliminate mucus conditions from their sinuses, especially when they fortified their diets with liberal amounts of vitamins A, B, and C.

However, not all authors condemn milk. In fact, those who do are in the minority.

Belik says, "Milk is the most nearly perfect food." It contains 12% protein, 44% carbohydrates, 44% fat, iron, copper, calcium, phosphorus, magnesium, vitamins A, B, C, D, G, and K. Milk does not cut the wind. Milk is easily digested, when used as part of a meal, it should be sipped slowly, whereas, it is usually gulped in order to wash down solid food which had preceded it. When thus gulped, milk tends to form large curds which break up slowly and are not easily digested, fermentation resulting. When sipped slowly, small easily digestible curds are formed.

Logan also says, "Milk consumed slowly will not harmfully affect the athlete before a contest."

McLester and Darley indicate that milk is the most important of all foods. It is valuable and at times, an essential adjunct to the diet.

Dr. Dale O. Nelson of the Utah State University, conducted an experiment using twenty-four Utah State University athletes, representing the competitive sports of football, basketball, track and field, and wrestling.

The purpose of this study was to determine the effect of varied amounts of milk in a balanced diet, as it relates to athletic performance. All food was furnished for the athletes in a special kitchen and dining room where cooks and dietitians prepared the meals. Measures were taken to insure that the athletes ate only the food used in the experimental diets. The diets were isochloric for each athlete, and they were weighed each morning so that the same initial weight could be controlled throughout the study. A dietitian adjusted the diet whenever weight changed. All food was carefully weighed and measured before consumption. The gross motor tests were selected to test such basic components as speed and reaction time, power and strength endurance. These items are believed to be a part of athletic types of activity.

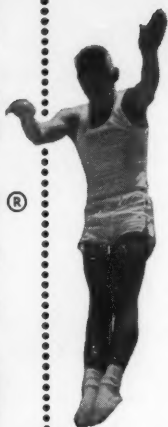
During all testing on the project, heart rates and blood pressures were taken for each athlete under controlled conditions. Milk was not found to adversely affect performance, and if any real differences had existed, it seems they would have been detected. It is therefore concluded, that the experiment under these conditions, and with these athletes, was sensitive enough, but no real differences existed.

The negative claims that milk is harmful as a result of causing an increased secretion of mucus and excess gas in the stomach are not substantiated by the findings of this study.

Since milk is an excellent source of many required nutrients, it should be recommended in the diet of athletes.

It would appear that coaches and athletes should not become alarmed over its use on the day of competition.

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TAKING SUCCESS IN STRIDE

by J. O. MILLER

Track Coach East Carolina College

With a background of highly competitive track experience as a squad member in high school and college Dr. Miller in his first attempt coached track and field just for the fun of it. In his three years as track and field coach at East Carolina College Coach Miller's teams captured three North State Conference Championships. His squad members hold ten of the fifteen Conference records, have won as many as twelve first places in the fifteen title events and have trampled the closest title competitor by as many as fifty points.

EARLY during 1956 East Carolina College actively assumed the task of fielding a respectable track and field team to meet the unusual competition developing among North State Conference members. The fielding of this team was to be accomplished without scholarships.

An early objective of the coach was to survey the opportunities that would permit a track and field team to function effectively. The survey utilized two approaches. One approach included an inventory of facilities and equipment. The other concerned the team personnel. The survey results were not too encouraging. The findings revealed (1) no track, (2) no equipment of any kind such as field implements, etc., (3) a small limited budget.

It was apparent that many tangible items associated with the conduct and

coaching of track and field were lacking. With only a token of a budget with which to operate it was necessary to economize to the utmost. Team personnel were not easily found but a small nucleus of interested individuals stimulated others to participate — enough for a small squad.

Obviously the survey indicated a definite need for careful planning. Analyzing the situation these questions arose. (1) With hopes of building a winning team in the future, should most of the available money be expended for temporary facilities and equipment then budget the remainder by scheduling a minimum number of meets during the year? (2) Should the team "get by" without a track, get only the most essential equipment and spend a larger share of the money for a full schedule of track meets away from home?

The greater number of competitive opportunities in the second question was appealing. It seemed the more meets — the more experience. Also, perhaps there would be better-than-average chances for success. It was decided to delve into the ramifications of the second question.

The problem of purchasing a minimum of essential equipment was solved easily. One shot, one discus, one starting block, one javelin and two lanes of hurdles were bought. Vaulting and jumping standards were homemade. A vaulting pole was obtained

from army surplus. Meet uniforms were secured for two dollars a set and sweat clothes were borrowed from another athletic team. The track squad members furnished their own shoes and other personal items.

Securing a track was a formidable obstacle. A grass field was found and although it had a slight incline for drainage it was less than adequate. The field was marked by striking a lime outline. Amusingly, the track had two extremely long straightways and very short, sharp curves compelling the runners to slow down on the turns. Nevertheless without any construction a grass 440-yard track was had. High jump, pole vault and broad jump facilities were improvised to some extent.

At best the facilities were substandard and makeshift which meant home meets were an impossibility. The inadequate facilities could not provide a stimulating experience for squad practice. The chances for success appeared dim. It was necessary to convince squad members that facilities play only a minor part in the success of a team. Through "attitudinal coaching" it was hoped this could be accomplished. Coaching attitudes were attempted in various ways of which some are discussed.

Learn from Others

Numerous meets were scheduled away from home which provided chances for the squad members to travel and visit interesting places. To become a traveling squad member prompted hard work in practice. Riding and bunking together during the many trips built team unity and group companionship. It was stressed that the meets away not only provided opportunities to compete but also to learn from competitors who were superior. The schedule included many power house teams to bring out the best in our men and to learn from the topnotch United States and world record holders. Superior teams were found in conferences other than the North State, from independent teams and from service teams. Desirable attitudes developed easily. The full schedule of meets meant less time

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needed to practice at home. The frequent competition really helped the men to get into top physical condition. Meets with weaker competition strategically scheduled among the more difficult ones helped to take the sting out of defeats. Highly superior teams were defeated periodically by the squads sheer determination to succeed. Confidence grew — even with mediocre showings. Experience such as this meant realistic learning.

Coach Success

To coach success is difficult enough but to have success in competition is more so. Every opportunity to stress success and confidence was utilized. Thinking in terms of success was emphasized continually. Higher standards of performance were motivated by discussing the unknown limits of human potentiality. In addition the "whys" of performing a certain way in each event was explained. In other words each event was analyzed to illustrate why physiologically and psychologically a person should succeed if various tested performance methods were followed. Positive thinking went along with positive coaching.

Favor Fun

The attitude "It's fun to participate" was fostered. Track is fun. When team members looked back at their performances strain, aches and pains seemed to be forgotten. Adverse feelings were not retained. The good impressions remained. Squad members felt it was voluntary whether or not they participated. Track was thought of as only a diversion or a part of life therefore to "live and breathe" it was not a necessity in order to succeed. Track had to be fun.

Actually pinpointing what caused our track and field success could be perplexing. It is suspected the odds favored "attitudinal coaching." Regardless of the reason track success has been taken in stride at East Carolina College.

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This month's featured



From

BRIGHAM YOUNG UNIVERSITY

LONNIE DENNIS and COACH TALLY STEVENS



TALLY STEVENS and LONNIE DENNIS

By DAVE SCHULTNESS

VIEWED FROM ANY ANGLE, in or out of a football uniform, you can tell **Lonnie Dennis**, the All-Skyline guard and All-America hopeful at Brigham Young University, is a football player. The 221-pound senior from Los Angeles has a 32-inch waist and shoulders that stretch an X-large set of shoulder pads.

Dennis, although the last man on the squad to have what is defined socially as a "big head," also endures quite a squeeze in getting into his specially made out-sized helmet.

While it takes more than physical dimensions to make a football player, Dennis erases all doubt once he tromps onto the gridiron.

Rolled into this bullish frame is an unusual composite of: (1) the finest interior lineman in Brigham Young University history, (2) last year's first team All-Skyline guard, (3) a player who could become the school's first All-American, and (4) a prime prospect for pro football.

Paralleling Lonnie's rise on the gridiron scene is the career of his coach, **Tally Stevens**, who is now in his first year as head varsity coach with the Cougars. Stevens and Dennis both came to BYU the same year (1956), both are gentlemen of high character, and both would like nothing better than to help the Cougars to their first title in the Y's modest football history.

Dennis was one of the most heralded prospects to enroll at BYU in 1956 when the school began recruiting seriously as the first phase of its football comeback. Indeed, the coaches who contacted Dennis returned with gleeful reports of a player who was heart and desire housed in a well-built frame.

But it wasn't until the freshmen were pitted against the varsity in a line drill that fall that the coaches realized they had struck gold in that California recruiting trip.

In the scrimmage in question the coaches purposely placed Dennis across the scrimmage line from Jay Weenig, an all-league lineman the Cats had in camp that year. The battle that followed is still being talked about, and needless to say, Dennis held his own in the blood-letting that marked his entry onto the scene at BYU.

Lonnie blocked and tackled his way through an undefeated season with the frosh, and then took over a starting berth on the varsity, a position he has held for the past three years.

Last fall he was named to the first string of the official Skyline team picked by the players and publicists.

Football to Dennis is a mixture of business and pleasure. Coach Stevens regards him as the hardest working player in the college game today. He blocks, tackles and pursues

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with a zest seldom seen in the college ranks. And yet there is nothing he enjoys more than brutal football contact.

As for his coach, Tally Stevens has always been an exponent of fundamental football tempered with wise player and public relations.

In 1956 Tally came to Brigham Young University as chief assistant to Harold W. Kopp, who had left Rhode Island to head BYU's gridiron building program. Tally was named head coach when Kopp resigned at the end of last season.

Intermountain fans will remember Tally as the University of Utah great who played end under Ike Armstrong in the years following World War II.

Following his graduation from Utah in 1948, Tally spent six years coaching high school teams in Utah, where he compiled a 49-11-3 record. In his last four years at East High School in Salt Lake City he rolled up an unbelievable 33-3-1 record, plus three state championships.

There was no doubt but what Tally was the man for the job of BYU when the vacancy appeared. He was a warm, commanding personality, the vigor and vitality of an enterprising executive, and a sound knowledge and grasp of football.

As a COACH AND ATHLETE team, co-captain Lonnie Dennis and head coach Tally Stevens provide Brigham Young University with a model representation.

Critical Situation

(Continued from page 16)

ing to recover a partially blocked kick. "STAY AWAY FROM IT" is our rule here. If we touch it and our opponents recover the ball it is theirs.

We prepare our squad, through actual practice, to cover, just like a punt, all field goal attempts which might fall short. At the same time we want to take advantage of a short field goal by our opponents and, therefore, we practice a planned return.

We actually practice how to recover an onside kickoff and how to defend against it. From a defensive point of view it is important to school your squad regarding when they should expect an onside kickoff attempt.

A last point in regard to the kicking game: practice the fair catch. Often it saves a roll of up to twenty yards. The situation must be practiced, however, in order to give your receiver confidence in the use of this weapon. Taking an intentional safety in a crucial spot will allow our team a free kick from our own twenty-yard line. We do practice, not only the situation

which calls for the intentional safety, but actually how it should be done. Score, time remaining, and weather conditions are vital factors to consider here.

We do considerable CLOCK PRACTICE! By this I mean we establish hypothetical game situations where our squad is battling the clock. Our quarterback may be seeking to conserve time or to consume time. We go on to the game field and turn on the scoreboard clock for this. We may say to our team, "All right, it's your ball on your own 42-yard line. The clock shows 2 minutes, 45 seconds to play and you're losing 9 to 7. It's first down and ten. Go to it." We will construct other situations in which time is a very decisive factor and then allow our quarterback and the team to actually practice under the pressure of a game-like situation. Only through actually practicing these situations do we feel that all of our players will be able to fully understand how to respond when faced with a similar situation in a game.

For the very tight-time situation (i.e., 30 seconds to play) we have a VICTORY SERIES. This is a sequence of three plays whose order our squad has learned through frequent practice. If our quarterback yells "Victory Series"

the squad will line up without using a time-consuming huddle between plays and run these in rapid fire succession.

We feel our team must be able to cope defensively with any surprise an opponent springs upon us. We have an automatic defense for a surprised spread formation should our opponents seek to employ that device. We practice this by occasionally having a team lineup in spread formation during our scrimmage and dummy scrimmage sessions.

Our PREVENT DEFENSE is one which we use very late in a game when we are protecting a slim lead. It is designed to stop the desperate touchdown with little regard for whether our opponent makes a medium-sized gain. Since the reason for employing this defense is to prevent victory from turning to defeat we feel it is essential to give very extensive practice time to it.

In a game where two teams are very evenly matched people often feel that a "break" decided the contest. I would like to qualify that by adding that usually it is the ability to take advantage of the break that is the deciding factor. This ability is developed by practicing the so-called "little things" which go into making up football's critical situations.

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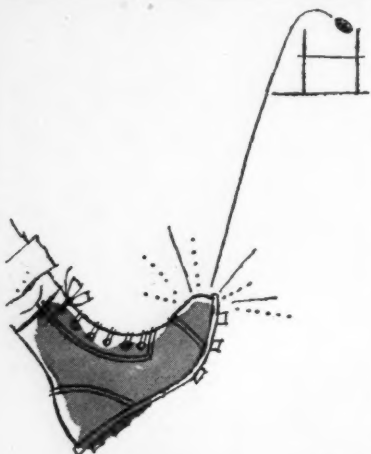
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Work Chart

(Continued from page 19)

seven-man sled working on our offensive charge. Here we stress the fundamentals of our offensive charge which are: the coordination of the forearm and shoulder, the shoulder lunge, and the proper follow thru. Keep in mind that we may do blocking for an hour during the offensive work-out, but this is one five minutes during which time we don't have to think about any assignment or play, just the fundamentals of blocking. The defensive part of this drill can best be shown by use of a drawing which is shown in **Diagram #2**.

In this drill the boys are grouped by positions so the different positions can be checked by their individual coaches. The whole group is directed by one individual coach who takes the position in front. As most coaches, we feel that the very basic principle of defense is to absorb the shock of the blocker and maintain control of his position. This is what we refer to as playing his position first. In individual work under their respective coaches they have been taught how to meet an offensive charge with the shoulder and forearm lift and the danger of working around a blocker rather than through him. They have been taught how to resist pressure yet remain alert for an influence block. All of these basic principles of defense are checked throughout this short snappy drill. Those players facing the director of the drill are the defensive men. The players facing the assistant director are designated as the offensive men and they get their snap signal from him. The assistant director, or a crippled quarterback, then calls the regular team cadence and on the agreed signal the offensive men fire out at the defensive men and they can take the defense either way they desire. A short interval of time is allowed during which time the defensive man covers his position tough by getting control of the offensive man. After this short interval of time, the director indicates the direction of pursuit by pointing to his right or left or by raising the ball to the passing position. We hope that this teaches our linemen to **not be** concerned about his pursuit until he has covered his position real tough. This, of course, is a real tough contact drill when done at full speed so we start a little slow and gradually increase the tempo until at the end we are going full boom. Basically this is the same as our old **sock-em drill** at Illinois except it is done individually rather than as a team. During our defensive period we often use the **sock-em drill** where we put a whole team on defense and on the snap of the

ball, our defensive moves are made and the defensive blows are delivered and the proper pursuit patterns are taken without any attempt to advance the ball on the part of the offense and, of course, no tackling on defense. Well, it seems that I continue to drift away from the main point about the work-out chart.

In this particular work-out, the defensive period comes next. This was not always the case, of course, because we usually left the activity until last that we wanted to stress the most. In other words if the work-out was to be primarily a defensive one, we would do offense first. The important thing was that this chart was on the blackboard in front of us, and we decided immediately what we needed to do on defense and how much time we could spend on it that particular afternoon. I think you will understand the terminology used in this portion of the work-out. The **reaction drill** was the work we did with all of our pass defenders reacting to their keys and getting to their positions. This was a drill in which there was never a ball thrown and there was no attempt made to cover any particular pattern. The skeleton offense would just give the proper keys and our pass defenders practiced the proper reactions to them.

Naturally the offensive period could be used for any work which needed to be done. I feel that we stumbled on some terminology which will be interesting to you. We formulate our rules and run our plays against what we refer to as "The Big Ten." These defenses include the most popular defenses in the country today.

The Big Ten Defenses

- | | |
|-------------------|-----------------------------------|
| 1. Inside 5-4 | or Oklahoma |
| 2. Outside 5-4 | or Eagle |
| 3. 6-3 | or 6-1 |
| 4. 4-5 | or four man line |
| 5. Wide tackle 6 | or Illinois defense |
| 6. Tight tackle 6 | no other name |
| 7. Split 6 | or Michigan |
| 8. Eight man line | Illinois defense with tight L. B. |
| 9. Gap 8 | no other name |
| 10. 5-3 | no other name |

After we have learned our rules against these defenses, we practice our offense against what we refer to as "The Little Four." As you can see, we have taken one nine-man front defense and one eight-man front defense and one gap defense and the 5-3 defense. So the little four would be as listed below:

Coaches, place your orders for BASEBALL equipment now! Be considerate of your dealer and manufacturer.

1. Inside 4-5
2. Wide tackle 6
3. Split 6
4. 5-3 defense
5. 5-3 defense

You will find that the defenses, tackles played that this is the gap in the man in the discussion with a shield used in the guard back used at Illinois to negate the with the back-to-back several defenses play in coaches then the another to reaction against

Diagram #2
In this work-out, the amount of time and the amount of time is cut down, of course, the which you article about Keith, Pu-LETE in his still feel that drills we use

Just a work specialist ways felt our kicker out late to our feeling end catch just as much So based set aside every man This, of course develop a

The Little Four Defenses

1. Inside 5-4 or outside 5-4 or 6-3 or 4-5
2. Wide tackle 6 or tight tackle 6 or eight man line
3. Split 6 or Gap 8
4. 5-3 defense
5. 5-3 defense

You will probably find it strange that the split 6 is listed with the gap defenses. In this part of the country the tackles play in the gaps so you can see that this makes this defense the same as the gap 8 defense because there is a man in every gap. I will conclude the discussion of this segment of the chart with a short explanation of the drills used in this particular work-out. Our **guard back drill** is the same as we used at Illinois. We use this to coordinate the work of our pulling guards with the running of our backs. The **back-to-back drill** is where we rotate several offensive teams against two defenses spacings. One team runs a play in one direction while all the coaches check their respective men; then the coaches turn around and check another team running in the other direction against another defense.

Diagram #3.

In this way we get the maximum amount of use from our coaching staff and the amount of running the boys do is cut down some. You recognize, of course, the old **technique signal drill** which you permitted me to write an article about for our friend, Dwight Keith, Publisher of **COACH AND ATHLETE** in his September issue in 1957. I still feel that this is one of the finest drills we ever devised at Illinois.

Just a word about the twenty-minute specialist period. Personally, I have always felt a little funny about asking our kickers to come out early or stay out late to practice their specialty. It is our feeling that a guard pulling and an end catching and a passer passing is just as much a specialist as a kicker. So based on this belief, we decided to set aside a period everyday where every man would become a specialist. This, of course, is not enough time to develop a punter, but as you know,

there are not many punters developed in college — thanks to the fine work done by our high school coaches.

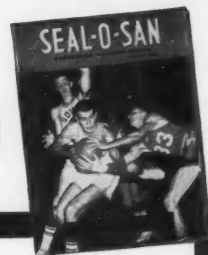
The team specialty period is rather obvious. I think the reason for putting in this period during which we could put in one of the activities listed in our chart, was something that I have often heard you say. It was always your contention that it was much easier to re-teach an activity even if it hadn't been drilled to perfection than it was to start cold with a new activity. Because I agree with you on this theory, we taught every activity you see listed above in the team specialty period this spring. It is my feeling that when we start on these team specialty activities this fall we can do them much faster and better than we could have otherwise.

Well, Coach, it has been a lot of fun talking a little football with you. I realize that you are in Europe at this time, but I sincerely hope that you can find time to drop us a line when you get back to Champaign. I know that your many thousands of friends in and out of the coaching profession will be following you and your Fighting Illini this fall and wishing for you and them the very best.

Sincerely,
Bob King

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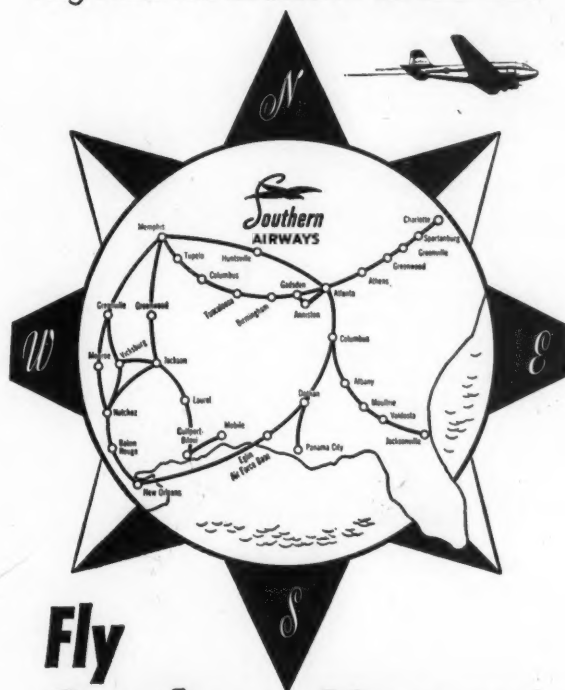
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DIAGRAM #3

Co-Ed

OF THE MONTH

CAROL HUTCHINSON

University of Portland

Some lucky high school will welcome this month's co-ed next fall. The University of Portland's Carol Hutchinson plans to graduate from the Oregon school at the end of summer session in August. After that — teach French and Spanish in a high school and travel in the Romance languages countries.

Carol is an enthusiastic horsewoman from Boise, Idaho, who spends much of her free time riding her Morgan, Stella Knox, which she keeps at a nearby stable while attending the university.

This recreation and her honor student work as a languages major doesn't keep Carol from a busy activity schedule. She is a member of Spurs, the French honorary, is commander of the Angel Flight, a women's drill team and social organization related to the university's AFROTC program, and she is an upper-class counselor for freshmen in her dormitory. She has been secretary of the Associated Women Students, "Little Captain" for the Military Ball, Queen of the Sweethearts Ball and a princess on several other courts.

Like most co-eds at Portland, her favorite spectator sport is basketball — especially when the University of Portland Pilots are in action.

Representatives of all campus organizations met to vote for the Co-ed of the Month. Carol was the very understandable choice.



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Front Cover Photo

COACH WALLACE BUTTS, DON SOBERDASH and JAMES VICKERS University of Georgia

COACH WALLACE BUTTS, now in his 21st year as head coach at Georgia, is dean of football coaches in the Southeastern Conference. He is serving his third term as the South's representative on the football rules committee and is currently president of the American Football Coaches Association.

Before going to Georgia as assistant coach in 1938, he coached at Madison (Ga.) A&M, 1928-31; Georgia Military College, 1932-34 and Male High School in Louisville, Kentucky, 1935-37. During his ten years of prep coaching, he lost only ten games. His twenty-year record at Georgia shows 124 victories against 81 losses and 9 ties. His teams won the SEC championship in 1942, 1946 and 1948 and Georgia has appeared in seven bowl games during Butts' regime.

DON SOBERDASH is captain of the 1959 eleven. He is a senior from Dunbar, Pa. . . . Captain of Maryland's unbeaten

frosch team in 1955 and transferred to Georgia in 1956 . . . A rugged runner, blocker and tackler.

JAMES VICKERS, alternate captain, is a senior from Moultrie, Georgia . . . A regular varsity end in 1957 and 1958 . . . Rugged defensive end . . . Received trophy for Most Valuable Player in 1957 Georgia-Auburn game.

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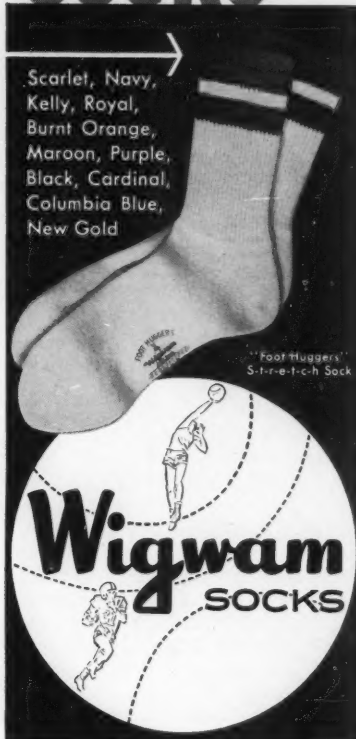


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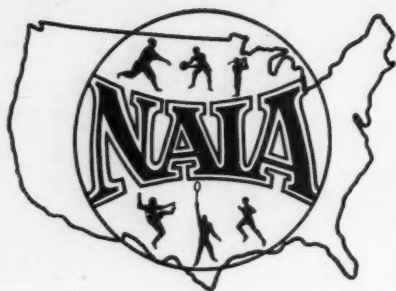
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THE FINALISTS of both the 1958 and 1957 National Association of Intercollegiate Athletics (NAIA) football playoffs again are rated among the top teams among the nation's smaller colleges for the 1959 season.

Champion Northeastern Oklahoma and runner-up Arizona State of Flagstaff, the 1958 Holiday Bowl finalists, and the 1957 champion, Kansas State College of Pittsburg, Kan., and runner-up, Hillsdale, Mich., College, are among the 25 teams rated "AAA," or top quality, by the NAIA football rating committee in a pre-season poll.

An additional 28 teams were rated "AA," and some of these may displace the more highly regarded teams as the season progresses.

The NAIA football rating committee is composed of 34 athletic directors and coaches spread throughout the United States, at least one in each NAIA District. They will begin grading the teams weekly after games of September 26 and the first NAIA national ranking will be announced September 30.

The rankings are used as a basic aid by the NAIA selection committee which will invite four top rated teams to participate in the 1959 NAIA football playoffs. The semi-final games of the 1959 series are set for December 5 and the championship game in the Holiday Bowl at St. Petersburg, Fla., will be played December 19.

THE SOUTHERN TIER of states, from eastern Texas to the Carolinas, landed the most teams on the AAA list, ten of them making the grade. East Texas State and Lamar Tech, Lone Star Conference powers over a period of years, again are expected to battle for the loop crown and be among the best in the nation.

Louisiana Polytechnic and Northwestern Louisiana State are rated tops

in the Gulf States loop. Jacksonville, Ala., State is rated tough, as is perennial power Tampa University in Florida. In the Carolinas, Wofford, Presbyterian and Lenoir Rhyne again are slated to lead the way. Southern University of Baton Rouge, La., also is rated AAA.

The northeastern section of the nation offers Hillsdale, 1957 runner-up, and Central Michigan College of Mt. Pleasant, always tough. In addition, Baldwin-Wallace of Berea, Ohio, Youngstown (Ohio) University, Pennsylvania State Teachers of California, Pa., (undefeated last year) and Southern Connecticut State College of New Haven have been awarded the AAA rating.

Northeastern Oklahoma may have trouble in the Oklahoma Collegiate Conference with Central Oklahoma State, both being rated AAA. Kansas State of Pittsburg is expected to rebound into prominence. Kearney, Neb., State, undefeated last year, again is rated with the top teams. Concordia College of Moorhead, Minn., and Lincoln University of Jefferson City, Mo., are other AAA teams in the midlands.

Willamette University of Salem, Ore., which lost by the margin of a last minute touchdown to Arizona State of Flagstaff last season for its only defeat, may be the power of the West this year, with almost all its team returning. Arizona State lost little by graduation and is expected to be battling for the playoffs again. Trinity University, San Antonio, Tex., also is rated as AAA.

Among the AA rated teams are two of last year's playoff teams, St. Benedict's of Atchison, Kan., and Gustavus Adolphus of St. Peter, Minn. Both were undefeated last season going into the NAIA playoffs. Other 1958 undefeated teams listed AA this year are Mis-

souri Valley College of Marshall, Mo., and Chadron, Neb., State Teachers.

THE NATIONAL ASSOCIATION OF INTERCOLLEGIATE Athletics Track and Field Championships will return to Sioux Falls, S. D., in 1960.

Agreement was reached between the NAIA and the Sioux Falls Chamber of Commerce for the 1960 meet. The meet will be held June 3-4 in Howard Wood Memorial Stadium in Sioux Falls, site of the 1959 meet.

The 1959 meet attracted 200 athletes from more than 70 NAIA member colleges and was watched by 14,000 persons in the two nights of competition.

The 1960 meet will be the ninth annual NAIA Track and Field Championship. The track competition was one of the first events added to the NAIA program when in 1952 the association expanded from a strictly basketball operation, at the request of its membership. The NAIA now represents 460 colleges and universities in the United States.

Winston-Salem Teachers College of Winston-Salem, N. C., won the 1959 meet with East Texas State College second.

TEAMS RATED AA

East

West Liberty State College, West Liberty, West Virginia

Mid-West

William Jewell College, Liberty, Missouri
Missouri Valley College, Marshall, Missouri
St. Benedict's College, Atchison, Kansas
Ball State Teachers College, Muncie, Indiana
Hanover College, Hanover, Indiana
Anderson College, Anderson, Indiana
Western Illinois University, Macomb, Illinois
Southwestern Oklahoma State College, Weatherford, Oklahoma
Kansas State College of Fort Hays, Hays, Kansas
Kansas State Teachers College, Emporia, Kansas
Gustavus Adolphus College, St. Peter, Minnesota
College of St. Thomas, St. Paul, Minnesota
University of Minnesota, Duluth Branch, Duluth, Minnesota
Chadron, Neb., State Teachers College, Chadron, Nebraska

South

Western Carolina College, Cullowhee, North Carolina
North Carolina A. and T. College, Greensboro, North Carolina
North Carolina College, Durham, North Carolina
Sam Houston State College, Huntsville, Texas
Texas A. and I. State College, Kingsville, Texas
Florence, Ala., State College, Florence, Alabama
Arkansas State Teachers College, Conway, Arkansas
Arkansas Polytechnic College, Russellville, Arkansas

West

New Mexico Highlands University, Las Vegas, New Mexico
Linfield College, McMinnville, Oregon
McMurry College, Abilene, Texas
Whittier College, Whittier, California

TEAMS RATED AAA

East

Southern Connecticut State College, New Haven, Connecticut
Baldwin-Wallace College, Berea, Ohio
Youngstown University, Youngstown, Ohio
Hillsdale College, Hillsdale, Michigan
Central Michigan College, Mt. Pleasant, Michigan
Pennsylvania State Teachers College, California, Pennsylvania

(Continued on next page)

Northeastern
Tahlequah
Central Oklahoma
Oklahoma
Kansas State
Kearney, Nebraska
Concordia College
Lincoln University

Louisiana Polytechnic
Louisiana
Northwestern Louisiana
Natchitoches
Jacksonville, Alabama
Wofford College
Tampa University
Lenoir Rhyne
Carolina
Presbyterian
East Texas State
Lamar State
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Southern University
Willamette University
Trinity University
Arizona State

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Mid-west

Northeastern Oklahoma State College, Tahlequah, Oklahoma
Central Oklahoma State College, Edmond, Oklahoma
Kansas State College, Pittsburg, Kansas
Kearney, Neb., State College, Kearney, Nebraska
Concordia College, Moorhead, Minnesota
Lincoln University, Jefferson City, Missouri
South
Louisiana Polytechnic Institute, Ruston, Louisiana
Northwestern Louisiana State College, Natchitoches, Louisiana
Jacksonville, Ala., State College, Jacksonville, Alabama
Wofford College, Spartanburg, South Carolina
Tampa University, Tampa, Florida
Lenoir Rhyne College, Hickory, North Carolina
Presbyterian College, Clinton, South Carolina
East Texas State College, Commerce, Texas
Lamar State Technological College, Beaumont, Texas
Southern University, Baton Rouge, Louisiana
West
Willamette University, Salem, Oregon
Trinity University, San Antonio, Texas
Arizona State College, Flagstaff, Arizona

Press Defense

(Continued from page 20)

fense. It has been our experience that teams facing an important game worry about mistakes to the point that their play becomes over-cautious. They won't make many mistakes, but they won't do much, either. A press defense aggressively keys a team mentally and reduces the problems that confront teams playing contests of above-normal importance.

DISADVANTAGES

There are a number of disadvantages in the use of a press defense. It will bring about more fouls usually. These fouls usually occur in the front line, so a key man may be in jeopardy of fouling out early in the game. This type of defense extends over a great area of the court and allows the opponent the opportunity of more maneuvering room in the basket area. All five defensive men must be alert and aggressive and one slow-reacting man can cause the defense to lose its effectiveness. A team employing the defense for any length of time must be in prime condition as one poorly conditioned player not assuming his full responsibilities will allow penetration.

It usually takes time to get the best use of this type of defense, so experience is a key factor to consider. Mistakes can only be corrected after they have occurred, so it takes time to learn to play the press well. The press defense demands a quickness and agility of each individual so the physical abilities of the personnel must be considered. Slow, immobile teams encounter a great deal of trouble in properly effecting this type of defense.

The many advantages of the press defense far outweigh its disadvantages. Personnel must be considered when employing the defense, but I believe the many advantages it presents should influence the type of personnel a coach seeks to carry out his game plans.

I am not inferring that personnel that best suits the press defense should be the only determinant in choosing your playing squad, but I firmly believe it should be one of the influencing factors. However, regardless of the limitations of your personnel, a press defense that is best adaptable to their physical abilities should be incorporated in your game planning. It is a natural assumption for every coach to feel that there will be the need of pressing his opponent some time during the season, so a planned defensive operation that contains a common understanding of the players employing this planned press is necessary. The inclusion of the press defense in your defensive theoretical approach to the game will broaden your base of operation and increase the problems of your opponents in their game preparation.

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JUCO

by
Bill Shawhan

Pre-Season Picks Loser

THE FIRST WEEK of competition found two of the top ranked teams in the northern division of the NJCAA with a digit in the loser's column. Boise, ranked number one, took a convincing thrashing from last year's Junior Rose Bowl champion, Santa Monica (Calif.) City College, 46-19, at Boise. The number three ranked squad, Dodge City, lost a close decision to the Cameron Aggies of Lawton, Oklahoma, 14-7.

You might say that this does little to establish the reliability of our system, but on the other hand what junior college rating system is greatly reliable. The All-American Gridiron Index, published by Major L. B. Chapman in Glendale (Calif.), is one of the most reliable publications relative to picking the winners. Major Chapman and his staff, over 28 years in this business, have picked 80% of the winners, 96% of the game margin trends, and 63% within one touchdown of the final score. This includes the Pros, Major colleges, small colleges, junior colleges, and service teams. Yet in his poll, he picked Stockton (Calif.) juco as the number one grid squad in the country this season and the Renegades from Bakersfield College (Calif.), rated number 14, thumped Stockton 20-0 in the very first contest of the season. He had Boise rated number three and Dodge City in the number seven spot.

It boils down to the fact that junior colleges have too great a turnover in personnel each season to make any exacting prediction as to their relative strength. Coaching changes make it doubly difficult and in most cases the

pre-season polls must rely upon publicity directors, coaches, and newspapers for their information on any team. The junior college athletic programs are progressing rapidly but rarely do you find one with a completely competent and aggressive athletic news service program. Seldom will you find a juco coach who will go "out on a limb" and predict what he actually feels the outcome of the imminent season will be, and in a lot of cases the newspapers are not too interested in news from the juco athletic front.

Thus we can't be too harsh on the rating systems. These polls are for a purpose which is to create interest in the junior colleges and let the public in on some inside dope. The people that direct these polls are only doing a job. They are kind of like our notorious weather forecasters. They're darned if they do and darned if they don't.

Juco Jots

Members of the 1929 and 1930 Hutchinson Junior College football teams held their 30th anniversary reunion in Hutchinson on October 3 . . . Look for Wharton Juco (Tex.) to be at the top of the ladder when the season is over . . . TED GUNAKA, an NJCAA grid All-American in 1958 at Thornton Juco of Harvey, Illinois, is playing at Western State College in Gunnison, Colorado . . . Indications are that generally juco football teams in the Middle West and South are becoming more and more evenly matched without a real powerhouse team . . . The State University of New York Agricultural and Technical Institute will host the first annual NJCAA Invitational Cross Country Meet November 14 at 11:00 a.m. . . . Coach BILL GOLDSMITH at Hutchinson Juco is a past master with the crying towel. Recently he used such words as "little, terribly inexperienced, slow" in an account of this year's squad . . . A possible candidate for All-American honors at San Angelo Juco this year is KIRBY GROVES, a 170 pound halfback from Wichita Falls, Texas . . . An accident on the first day of football practice took the life of

TOM GENTNER, promising Trinidad Juco (Colo.) freshman, when his larynx was shattered by another player's elbow during a conditioning drill . . . The College of Southern Utah at Cedar City has fielded a squad with eight tackles over 200 pounds . . . Coach SANDY SANFORD of Tarleton Juco in Stephenville, Texas has quarterback troubles. He has four of them but not one has had a minute of game experience . . . DON GREGORY, former Kilgore (Tex.) College halfback, is now a geologist for the Lone Star Steel Company in that city . . . RAY SCHMITZ, NJCAA track champion, in the mile run, is attending the University of Missouri at Columbia . . . MR. JOSEPH P. SOSAND is the new President at Santa Barbara (Calif.) City College . . . TOM PICKETT, Wharton Juco (Tex.) football coach, is in his first year as head man. Pickett replaces Johnnie Frankie who moved to Rice Institute as head basketball coach . . . Orange Coast (Calif.) Juco has three new football coaches. HERB HILL, former local high school coach, is handling the defensive line; GIB DEAR, who played at the University of California at Santa Barbara, is coaching the offensive backs, and WALT ANDERSON, former head coach at Palo Verde Juco in Blythe is handling the offensive line . . . JOEY HERNANDEZ, the All-American who led the nation in scoring and yards gained last year at New Mexico Military Institute, is a starter for Bakersfield Juco. Bakersfield was originally his home town so everything is legal.

FOOTBALL COACHING CHANGES: BAKERSFIELD — RAY NEWMAN, Ex-Assistant; HOMER BEATTY went to Santa Ana (Calif.); Cabrillo (Calif.) — LARRY SIEMERLING, ex-College of Pacific and Arizona State takes over at this new school; Garden City (Kansas) — LELAND KENDALL takes over from JIM DUNCAN; LASALLE-PERU (Ill.) — JACK SAMLIN is new head man with JOHN STRELL staying as backfield coach; NORTHWEST MISSISSIPPI — JIM JOBE, ex-assistant at Memphis State takes over and JIM JACKSON goes to Arkansas State as assistant; STOCKTON (Calif.) — LARRY KENTERA moved here from Palo Verde (Calif.); PHOENIX (Ariz.) — THOMAS E. (Shanty) HOGAN replaces JIM MONTGOMERY; PRATT (Kans.) — BUD COLE takes reins from OREN L. ISON; SAN BERNARDINO (Calif.) — RALPH (Buck) WEAVER replaces CLYDE WILLIAMS; SANTA BARBARA (Calif.) — CHUCK RHEIN-SCHMIDT replaces ALBERT H. REV-IS; TAFT (Calif.) BILL KELLEY replaces BOB HOFFMAN.

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HOBART BOLARJACK

NJCAA Secretary



HOBART BOLARJACK

THE NATIONAL JUNIOR COLLEGE ATHLETIC ASSOCIATION exists today as a result of the tireless efforts of men who relentlessly give their free time to an organization that they feel is of unmeasurable value to the athletic programs of our nations two-year schools. Such a man is **Hobart Bolarjack**. Now in his ninth successive year as secretary of the NJCAA, Mr. Bolarjack is the man who personally handles the tiresome tasks of duplicating and distributing tremendous amounts of correspondence to the member schools and officers of the organization each year. He is responsible for the myriads of often unappreciated but greatly important details of the national meetings which involve "red tape" and paper work. He has served as a Regional Director and was the Editor of the NJCAA Handbook in 1956 and 1959.

Born and reared in Illinois, Hobart also completed all of his education in that state. He attended Norris City high school; received his B.S. and M.A. degrees from Southern Illinois University, and had further study at the University of Chicago. He has taught in the rural schools, the junior high schools, and the high schools of Illinois.

He has been a mathematics and music teacher and presently is the Dean of Men at the Community College and Technical Institute in Benton Harbor, Michigan.

Recently, Hobart's activities include membership to the Football Rules Committee of the National Alliance and the People to People organization sponsored by President Eisenhower.

March will find the Executive Committee of the NJCAA meeting in Hutchinson, Kansas and Secretary Bolarjack will be back once again to ride herd on the legislative particulars, and continue his fine administrative work.

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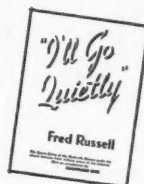
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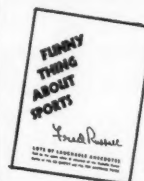
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IRVING T. MARSH

New York Herald Tribune

THE EAST



FROM A ROVING FOOTBALL REPORTER'S NOTEBOOK — Penn State, which is going to be among the ranking teams in the East for the next few years (guaranteed) is building a new stadium that will seat 43,500 and which will be ready for the 1960 season. "Building a new stadium" is possibly the wrong phrase to use. The Nittany Lions are moving their old stadium to another part of the campus, taking it apart section by section and fitting the old sections into enlarged new ones. Jim Tarmann, the Penn State tub-thumper, describes it as an "erector set" process. The old stadium seated 30,000.

All seats in the new stadium will be between the 10-yard lines. There will be infinitely more room for parking than in the old stadium. And to make sure that the new arena will be amply supplied with spectators, Penn State has arranged a glamor schedule for the next few years that will provide it with top competition.

In 1960, for example, home games are with Boston U., Missouri (making its first visit to Penn State and its first visit East since the days when N.Y.U. and Fordham were in flower), West Virginia and Maryland. In '61, Navy, Army, Syracuse, California and Holy Cross will visit University Park, Pa.

In '62, the Air Force Academy as well as Navy pay a call and other visitors will be Syracuse, Maryland and

West Virginia. In '63, there are U.C.L.A., Rice, Army, West Virginia and Holy Cross. In '64, Navy, Oregon, Syracuse, Maryland and Holy Cross come in. All we can add is that Rip Engle had better make sure of a steady stream of freshmen to cope with this impressive gang.

Incidentally, the Penn State venture will be the second new stadium among the major colleges of the East. Navy was to have dedicated its new arena with W. and M. on Sept. 26 of this year.

PITTSBURGH brought in 35 football scholarship men this fall, largest number in 25 years . . . John Michelosen, maestro at the Cathedral of Learning, has gone Army's "lonely end" cognomen one better. He calls his flanker "The Sentinel End," but this boy's integrated into the huddle, unlike the Army wing . . . Beanoisms from Beano Cook, Pitt's bugle-blower: "Idle thought: The Air Force Academy is a million dollars over its budget. If Pitt were, the Panthers would be undefeated, too." Another: "Last year, L.S.U. sold 9,000 season tickets. At last count, the 1959 total is over 27,000. It helps to go undefeated." . . . Both of Pitt's co-captains are physically handicapped. Ken Montanari, the left tackle, has suffered a dislocated shoulder and must play with a harness. Bill Lindner, the right tackle, has a chronic knee condition that causes his knee to swell constantly. Doesn't seem to hurt these boys much, however, because they're among the toughest tackles in the East.

STEVE SEBO, the Penn coach, uses a raised platform, 18 feet from the ground, from which to conduct practice. Claims he can see his squad, divided into groups, much better merely by turning around. This is standard procedure in the Midwest, of course, but it's tough on an acrophobic like this reporter, who interviewed him atop the platform. Getting up was bad, but getting down even worse . . . Remember the name of John Salem,

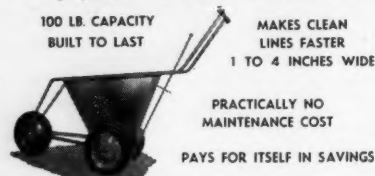
Penn's sophomore back (only sophomore, in fact, on the first two teams). This boy, a year older than most of his sophomore confreres because he had an additional year of prep school, is listed as a real comer by the Penn coaching staff . . . Sebo has made radical changes in his offense and threatens to throw the ball more often than any Penn team in history. He can do it, too, because he has experienced throwers and receivers to help the aerial game go.

SYRACUSE will add 10,000 seats to its Archbold Stadium, to be ready in 1961. Originally the Orange was interested in playing its home games in a proposed new stadium at the State Fair Grounds, but the proposed new stadium is still in a nebulous state and it's highly unlikely that it will ever materialize. The new seats would bring capacity to close to 50,000 . . . Ben Schwartzwalder had three good teams, and will use them as teams, so that his boys have given themselves nicknames, a la L.S.U. The offensive team calls itself "Ben's Bandits," the defensive team "Attila and his Huns," Attila in this case being 254-pound Leon Cholakis. The two teams average 215 pounds, which will give you some idea.

CORNELL's new attack is the slot T with two lonely ends . . . The Big Red is exceptionally high on a sophomore halfback, George Telesh, who was a straight A student in high school (Clifton, N. J.) and who has the potentiality, according to Lefty James, of being a "real fine football player." He'll probably be the only sophomore starter on the first team. Telesh is a Polish boy who spent some time in a German concentration camp.

COLGATE was hampered in its absorption of Al Kelley's new Multiple T attack because of the illness of the coach (he had a severe virus which attacked him just at the start of practice and prevented him from working for almost a week). But with Kelley's return to the field, the Red Raiders caught on to the new attack so fast that he has dubbed his squad "The thinking man's football team." Wow!

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JACK HORNER

The Durham Herald



ATLANTIC COAST

HAS THE BALANCE of football power in the Atlantic Coast Conference been taken over by the State of South Carolina?

Clemson's 8-2 season record last fall carried the conference champion Tigers to the Sugar Bowl. South Carolina compiled a very respectable 7-3 record for the second time in youthful Warren Giese's three year hitch at the Columbia institution.

Clemson, in its 20th consecutive year under sharp-witted Frank Howard, launched the 1959 campaign by knocking off North Carolina for the second straight year, 20-18.

South Carolina toppled once-mighty Duke in the seasonal opener, 12-7, for the Gamecocks' second straight victory over the Blue Devils and their third conquest of Duke in the last four years.

No wonder Palmetto football followers are whooping it up over the way their gridiron favorites are playing the pigskin sport.

After Duke's setback at the hands of South Carolina, Coach Bill Murray and Coach Giese became involved in a word battle in the newspapers.

Murray was quoted in a Columbia paper along the lines that South Carolina was spending more money on football than any school in the country and it ought to have a good football team.

Coach Giese's retort was that he thought Murray should have learned long ago to lose gracefully.

"What I really said," Murray explained later, "was that South Carolina had gone all out to have a good football team, and it had one. There are some people who don't recognize South Carolina as a football power."

"We consider South Carolina as tough as any team on our schedule," declared the Duke Coach. "I was trying to say how good they are, but you never know how your statements are going to come out in print."

Over in the Southern Conference, it looks more and more like the loop championship may be decided when

Virginia Tech goes to West Virginia, Nov. 14th.

This was the pre-season prediction, and barring a complete collapse by one of the two principals this game should determine the conference winner.

West Virginia got the jump on the Gobblers by taking narrow victories over Richmond (10-7) and George Washington (10-8) in its first two conference starts. Now Coach Art (Pappy) Lewis' Mountaineers play outside competition until the Virginia Tech tussle in mid-November. They conclude conference warfare against The Citadel, Nov. 21, in their final game of the season. A pre-season darkhorse, The Citadel could play an important role in the final outcome.

After spanking William & Mary (20-14) in its first loop game, Virginia Tech's next conference contest found Coach Frank Moseley's Gobblers playing host to Richmond's Spiders, Oct. 31.

West Virginia edged the Gobblers a year ago, 21-20, and extended its conference winning streak to 28 consecutive games in annexing loop laurels.

When Rice's Owls of the Southwest Conference invaded Durham, N. C., to do battle with Duke's Blue Devils, Oct. 3rd, two long-time friends and former coaching associates renewed their acquaintance and got together for a reminiscing chat.

Duke held a press dinner the night before the game, and the two oldtimers who entertained the newsmen were Col. Wallace Wade, retiring commissioner of the Southern Conference, and Jess Neely, who is in his 20th successive season as head coach at Rice.

They took turns climbing to their feet and poking good-natured jabs at each other. Wade, who retires next Dec. 31, and Neely, who has a stretch of 32 coaching years behind him, were coaching associates at Alabama, where Wade produced three Rose Bowl teams before going to Duke and building two. Wade is now a gentleman cattle farmer in Durham.

When Wade switched from Alabama

to Duke in 1931, Neely took the Clemson head coaching job. He stayed there until moving to Rice in 1940.

For the fifth straight year, the ACC sponsored Operation Football, a junket which saw 21 newspaper, radio and TV representatives make a flying trip to all eight Atlantic Coast Conference football training camps the week before the season opened.

The group, headed by Commissioner Jim Weaver of Greensboro, visited the eight schools in five days. They arrived in Columbia, S.C., the afternoon of Sept. 8, saw the Gamecocks work out, interviewed Coach Giese and had dinner with South Carolina athletic personnel that evening.

The party flew to Clemson early the next morning, viewed the Tigers in a drill, talked to Coach Howard, lunched with the squad at the training table and took off for Winston-Salem, N. C., where that same day they witnessed a Wake Forest workout, huddled an hour and a half with Coach Paul Amen, enjoyed dinner at Old Town Country Club with the Wake Forest coaching staff, and flew to Durham, N. C., where they made headquarters three nights.

The morning of Sept. 10th was free to work or play, and that afternoon the group visited Duke. On Sept. 11th, they drove to Raleigh, 20 miles away, and took in N. C. State in the morning and switched over to Chapel Hill, home of the University of North Carolina, in the afternoon. They flew to Charlottesville, Va., Sept. 11th, picking up Virginia in the morning, and that afternoon watched Maryland scrimmage at College Park to conclude the whirlwind tour under the direction of Smith Barrier, director of the conference information bureau.

The total cost per man, or to his company, ran around \$110, counting the pro-rata share of the expense for the charter plane.

"It's a very worthwhile project for the conference," Commissioner Weaver declared, "and I believe it's a service to the newsmen. They not only work hard but they have a lot of fun and fellowship."

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TOM SILER

Knoxville News-Sentinel

SOUTHEAST



FOOTBALL nomad making the rounds in the merry month of September . . . Paul Dietzel is selling a paperback book — five dollars, please — entitled Louisiana State and the Chinese Bandits. He polished off the book last spring, using a tape recorder and published the volume himself locally in Baton Rouge.

Coach Dietzel also picked up a piece of change for predicting the football champs across the nation for *This Week* magazine, selecting LSU (Who else?) to win the SEC title again.

I asked Dietzel how to pronounce fullback Merle Schexnauldre's name.

"Just like it looks," said he with a straight face.

JIM CORBETT reports that LSU sold 29,500 season tickets which is about 20,000 more than the school sold for 1958.

Ticket sales are up all around the SEC. Tennessee raised prices 20 per cent — all \$4 games were bumped to \$5 — and still the sales moved to a new high.

Auburn sold 7200 tickets for the game with Tennessee in Knoxville and indicated that the mighty Plainsmen would play before five or six sellout crowds this season.

Nothing succeeds like success, it seems.

ART GUEPE was talking about the

new uprights being wider by six feet or so.

"I'm not too concerned about it, but somehow it doesn't seem quite right . . . I mean this business of getting three points from the 25 or 30-yard line . . . your defense has done a good job, held the opposition and is about to force a kick, or a long pass, or giving up the ball.

"Then they put in a good place-kicker and he pops a field goal through there."

I think we'll see lots of desperation tries for field goals . . . that is, a place-kick from, say, the 35 instead of a punt. Few will hit from that distance, but even a miss is about as good as a punt.

TAD SMITH, Ole Miss athletic director, is rapidly recovering from a double hernia operation.

Bobby Luna resigned as an Alabama assistant to take another crack at pro football with the 49-ers.

Art Davis, a former star at Miss. State, is now on Dietzel's staff at LSU. Harper Davis, the brother who assisted at Miss. State a year ago, now is in business in Starkville.

Bill Stacy's two younger brothers, Benny and Bobby, are on the Miss. State varsity squad. Bill is a defensive star with the Chicago Cardinals.

Lewis (Rooster) Akin, Vanderbilt's fine pass-catching end, already has a

degree in engineering, cum laude. He's back for the fifth year — fourth in football — and is studying nuclear engineering.

Ralph (Shug) Jordan of Auburn has turned down all invitations to speak at football clinics since the school was placed on probation. He says he will accept none until the ban is lifted, probably in December of 1960.

TWELVE players at Georgia Tech who lettered in 1958 and who have eligibility left are no longer out for football for one reason or another. Rausey Mason, for instance, heeded the call to go into the ministry. Buddy Pilgrim, a good guard, quit because of increasing dizzy spells and head pains. Les Simerville and Larry Fonts, highly touted fullbacks two years ago, won two letters apiece but quit rather than drop back to the "B" team.

It's good to see J. B. Whitworth back in our midst. J. B., after leaving Alabama in 1957, helped Peahead Walker at Montreal in 1958. Now he's the line coach at Georgia again — don't be surprised to see the Bulldogs come up with a healthy growl. When Whit was there before, Georgia went to six bowl games.

Florida's pleas to Mickey Ellenburg fell on deaf ears. Mickey had a year of eligibility left although he already had graduated in journalism. Bob Woodruff wanted and needed the boy at quarterback, but Mickey plucked a fine business opportunity with Alcoa Corporation.

MISSISSIPPI STATE'S Clyde (Heifer) Stuart, a backfield aide to Wade Walker, played fullback for Bernie Bierman more than 30 years ago. He weighed 129 pounds. Heifer says Bierman was 20 years ahead of his time as an offensive coach.

Coach Walker, incidentally, thinks the abundance of married players contributed to the Maroons "flop" season in 1958.

"Not the players so much," said he, "as the wives of married players, particularly wives of players on the second and third teams . . ."

Bruiser Kinard's son, Frank, Jr., is the fullback on the University High team in Oxford, Miss. Kinard, the elder, was an all-time great guard for the Rebels.

Paul Bryant says the best kicker he had is no more. Alabama had a punter named Ingram Caldwell, who, according to Bryant, could kick the ball "three miles." But Ingram told Bryant he didn't "want to play." So he turned in his suit and, says, Bryant, "I haven't seen him since."



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BERT BERTINE

Champaign-Urbana Courier

MID-WEST



It's A TYPICAL Big Ten football year: read the guesses of five different forecasters and you'll find five different teams being picked to win the 1959 grid title. That's standard order of procedure.

What keeps interest high is the total unpredictability of the conference race each year.

Consider last season. Who could have guessed Michigan State would fail to win a single Big Ten game and would wind up in the cellar? A man could have got 100-1 odds on that.

Or that Indiana, doormat for many years, suddenly would vault to the first division via a 3-2-1 record?

Or that any team could pile up 55 points on Michigan — which Northwestern did?

Or that none of a former powerful trio — Michigan, Minnesota and Michigan State — would claim first division status?

Predicting the outcome of the 1959 race is fraught with as many pitfalls.

So you like Wisconsin? First thing you must ask yourself: can Wisconsin overcome its Ohio State jinx?

You like Purdue? Next ask yourself if the Boilermakers can whip its Wisconsin jinx?

You like Iowa? What will Coach Forrest Evashevski use for a quarterback? He lost both of his top men, Mitchell Ogeigo and Francis Trancygier, via ineligibility.

You like Ohio State? Woody Hayes has some real blue chip players, but again not many of them. Injuries to a couple of key men could lay the Buckeyes low.

You like Northwestern? It's the same team which, although rated greatly improved last season, nevertheless had a losing (3-4) record in conference play.

These are the five clubs generally picked to fight it out for the championship and the right to represent the Big Ten in what may be the last Rose Bowl game for a Big Ten team.

General trends expected in the conference this fall are more open offenses

with Iowa's winged T being borrowed by a number of schools, an attempt to approach platoon football again under the liberalized substitution rule, possibly more emphasis on field goal kicking because of the wider goal posts.

Rare indeed is a situation where a coach announces his retirement long before its accomplishment. That is the case at Illinois where **Ray Elliot**, dean of Big Ten coaches who'll be in his 18th season this fall, will step out after the schedule ends to become assistant athletic director.

This left a wide open field for speculation, and the names have flown thick and fast although Illinois officials need not make a decision until December.

It has been tradition at Illinois to hire Illinois products. This procedure may not be followed this time. At any rate, non-Illinois men whose names have been bandied about in the big guessing game include **Eddie Erdelatz**, **Terry Brennan**, **Bud Wilkinson**, **Bob King**, **Pete Elliott**, **Billy Stone**.

Among Illini grads who have been mentioned are **Chuck Studley** and **Mel Brewer** of the staff, **Perry Moss**, **Alex and Lou Agase**.

WHO WILL BE THE STARS of Big Ten football this season?

Best pre-season estimates rank these veterans on top: **Bob White**, Ohio State fullback; **Jerry Stalcup**, Wisconsin guard; **Ron Burton**, Northwestern halfback; **Curt Merz**, Iowa end; **Bill Burrell**, Illinois guard; **Tom Brown**, Minnesota guard; **Jim Houston**, Ohio State end; **Bob Jeter**, Iowa half-back; **Dale Hackbart**, Wisconsin quarterback; **Blanche Martin**, Michigan State fullback; **Brad Myers**, Michigan halfback; **Dick Thornton**, Northwestern quarterback; **Bob Jarus**, Purdue fullback; **Oscar Hauer**, Ohio State guard.

Independent school gridmen expected to rank high this season include **Monty Stickles**, Notre Dame end; **Bruce Maher**, Detroit halfback; **Steve Palenchar**, Dayton guard; **William (Red) Mack**, Notre

Dame halfback; **Pete Hall**, Marquette quarterback.

Small conference stars are apt to be **Ron Murphy**, Wittenberg halfback; **Bill Cooper**, Muskingum fullback; **Lovell Coleman**, Western Michigan halfback; **Dick Mastardo**, Kent State quarterback; **Bob Zimpfer**, Bowling Green tackle; **Frank Haladik**, Toledo end; **Bob Million**, Ball State guard; **Larry Gates**, Evansville end; **Ken Hill**, Carroll halfback; **Jim Larkin**, Hillsdale tackle; **Gene Vandogen**, Hope center; and **Bill Davis**, Mt. Union quarterback.

When Wisconsin played basketball at Michigan State last winter, **Duffy Daugherty**, MSU grid coach who also handles the East-West game, approached **Dale Hackbart**, star Badger quarterback, and asked if he'd be available for this year's Shriner classic.

"Thanks, Mr. Daugherty, but I can't play for you," Hackbart replied. "We'll be playing in the Rose Bowl and I don't think I can get away for your game."

Notre Dame, as per custom, will be the Big Ten's favorite non-conference opponent this fall. The Irish are on tap to meet Iowa, Michigan State, Northwestern and Purdue.

Of the other 18 non-league foes Nebraska, which meets Indiana and Minnesota, is the only other with more than one game.

The list of other foes: Oklahoma, Army, Penn State, Marquette, California, Kansas State, Missouri, Oregon State, Texas A. & M., Miami, Vanderbilt, Duke, Southern California, UCLA and Stanford.

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BILL KERCH

St. Louis Globe-Democrat

MISSOURI VALLEY



ATHLETIC DIRECTOR Gordon Chalmers of Iowa State University said recently that the Cyclones might be forced to leave the Big Eight Conference because of poor football attendance. Chalmers, who took over his office at the Ames, Iowa school last June, stated some of the other conference schools did not want to schedule football games at Ames because of the small crowds.

Last year the Cyclones averaged 12,000 fans at their home games and, naturally, there's a loss of money when a big attraction such as the Oklahoma Sooners play at Ames. Both Iowa State and Oklahoma can make more money by playing their games at the Sooners' stadium in Oklahoma. Owen Field seats 60,000 at Norman, the Clyde Williams Field at Ames has a capacity of 20,000.

Chalmers said the Cyclones and Sooners would continue to alternate home games until 1964, when both games will be played in Norman. The sad part of the latter arrangement is that the loyal Cyclone fans in Ames and Des Moines are the ones who will suffer because there always is the hope of seeing the mighty Sooners upset. But even more important, in so far as the true football fan is concerned, the Iowans won't have the opportunity of seeing Bud Wilkinson's team in action.

Iowa State, which became a university of Science and Technology last July 4, sent members of its athletic department on good will tours during August in an effort to increase its ticket sales for the football games. Here's hoping the Cyclones have a most successful season because they would be missed if they left the Big Eight.

KANSAS STATE UNIVERSITY is nearing the century mark since it was founded. President Abraham Lincoln signed the Morrill Act in 1862, authorizing grants of land to states that would establish colleges and the Kansas Legislature accepted an offer of the land and buildings of Bluemont College at Manhattan in 1863 and established Kansas

State Agricultural College as the first land-grant institution under the Morrill Act.

The school's name was shortened to Kansas State College in 1931 and last March it was changed to Kansas State University. Since its beginnings KSU has developed 47 departments and since World War II it has added a number of modern buildings to its 120-acre campus. Currently under construction are a men's dormitory, men's dining hall, a new economics building, a new wing to the technical journalism building, a new student health center, more married-student apartments, a classroom addition to Eisenhower Hall and a new building for the Department of Milling Industry.

One of the new departments at the school is in nuclear engineering and more than 100 students majored in this field last year. K-State also has five branch experiment stations, 12 experimental fields, four irrigation development farms and some 75 individual test plots throughout the state. It owns 8,378 acres of land for experimental work and instruction and also maintains laboratories for soil and crop work. Its peak enrollment was during the school years of 1948 and 1949 when more than 7,500 students attended classes in Manhattan. When the college first opened its enrollment was less than 100.

Athletic Director **Harry Fouke** has done a terrific job in placing the University of Houston in the upper bracket of the sports world during the past 13 years. In the 25 years Houston has been in existence, it has become one of the South's largest universities. Last year it had an enrollment of 13,000. The school didn't enter intercollegiate athletics until 1946 and the Board of Regents sought Fouke's enthusiastic leadership. They picked the right man.

Fouke, graduated by Rice Institute in 1935, received a Masters degree from Columbia University in 1939. He was a star halfback with Rice from 1932 to 1934, won the Bob Quinn

Award for athletic accomplishment and scholarship and helped Rice win its first Southwest Conference title.

Don Pierce, sports publicity director at the University of Kansas, came up with some interesting statistics on this season's Big Eight grid forecast made by 81 participants.

The Sooners were tagged to take the title for the eleventh consecutive time and Missouri was picked to finish second place and a berth in the Orange Bowl. Pierce's stax showed 79½ votes for the Sooners to finish first and 4½ placing them in second place. Missouri was the only other school in the conference to get any first-place votes (4½) and the Tigers were top-heavy with second-place ballots with 53. Kansas, Nebraska, Colorado, Kansas State and Iowa State followed in that order.

IN MOST CASES it's interesting to see how the predictions will wind up, but not so in the Big Eight. During the past 10 years Oklahoma has been picked to finish No. 1 and that's exactly where the Sooners wound up. In 1948 Missouri was selected to finish first but came in second to the Sooners, and in 1947 Kansas was the No. 1 choice but finished in a tie with Oklahoma for the crown. The first year of selections was in 1946 and Missouri was the No. 1 choice, but disappointed with a tie for third place finish.

Bud Wilkinson's 12-year term as Sooner coach shows 108 won, 9 lost and 3 tied and prior to this season it was 67 won, 2 tied in conference play. It's just hard to visualize the Sooners finishing anywhere but first, but apparently five of the forecasters have the long-shot outlook, just as a hardy few viewed the New York Yankees and the American League race this year.

Four of the five forecasters picked Mizzou to beat out the Sooners and the fifth split his vote between Oklahoma and Missouri. The forecasters who picked the Sooners to finish second were Budd Pitchford, Longmont (Colo.) Times-Call; Bud Roberts, Iola (Kansas) Register; Roy Robinson, Goodland (Kansas) Daily News; Bob Williams, Kansas City Star, and Mahlon Aldridge, Missouri sports network broadcaster. Aldridge split his title vote between the Tigers and the Sooners.

Naturally, this quintet would be rated as the nation's top prognosticators if Mizzou ended the reign of the Sooners.

Fred Graham, sports writer for the San Angelo (Tex.) Standard-Times during the last two years, has been named a news service assistant at North Texas

(Continued on page 46)

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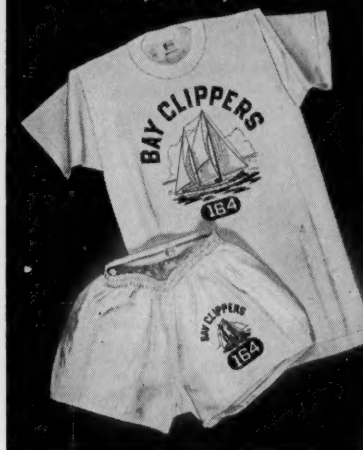
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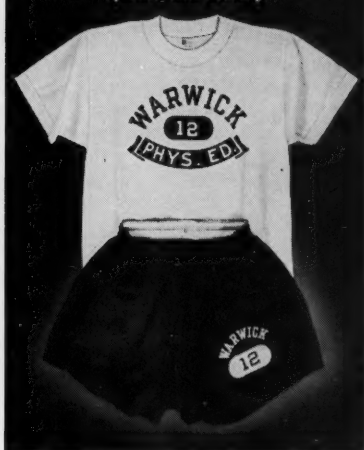


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DURRELL "QUIG" NIELSEN

ROCKY MOUNTAINS



DENVER UNIVERSITY's gentlemanly football coach, **John Roning**, has become the "old man" of the grid coaching profession in the Skyline Conference. With four seasons at Utah State and four years at Denver Roning actually has more total years service in the league than the remaining 7 coaches together.

And Roning has more total victories than all the other coaches in service with a 40-38-2 record.

Next in tenure in the circuit is Don Mullison of Colorado State U. with three years, Bob Devaney of Wyoming with two, and Marv Levy of New Mexico, Ray Jenkins of Montana, and Ray Nagle of Utah, with one.

As the Skyline swung into action this fall two new mentors took their seats on the sidelines. They were Tally Stevens at Brigham Young University and John Marston at Utah State.

All this becomes quite interesting since it has been only a few years that the Skyline boasted coaches that recorded 20 to 30 years of active coaching service at the same institution. Either the pressure of coaching in this league has become greater or the present crop of grid chieftains lack the ability to deal with the multiplicity of athletic problems both on and off the field.

The ex-California assistant, **John Marston**, who took over the head duties at Utah State, has brought in 20 Californians as junior college transfers to bolster the Utaggie hopes. And a run down of the roster indicates some mighty juicy plums were enticed to transfer to the Logan school. Ralston's chief assistant, Tony Knap, has promised the delivery of some of the cream of the California high school football crop. So, all in all, it looks as if football fortunes at Utah State are swinging upward at a satellite clip.

It's REFRESHING to see Utah State come out with a top-flight sports publicity director. **Karl Klages** was hired by Director of Athletics H. B. Hunsaker a couple of years ago and the results of his work are just being recognized. It's moving Utah State into a position they should have been years ago in the sports publicity picture.

And to complicate affairs on the playing field Utah State has now come up with three co-captains for the current grid season. Named to the honor are Len Rohde, 230-pound 6-4 tackle from Palatine, Ill.; Mike Connelly, 235-pound, 6-3 center from Pasadena, Calif., and Bill Meglen, 226-pound 6-2 guard from Mt. Iron, Minn.

DENVER is counting strongly on the speedster, **Paul Collins**, to lead a touchdown parade for the Pioneers. Collins trips the 100 in :09.5 and the 220 in :20.4. In the season opener against San Jose it was a classic speed duel between Collins and the San Jose Spartans, Ray Norton, currently dubbed as the "world's fastest human." Norton ran the 100 in :09.3 and the 220 in :20.2 this past spring.

Roning has surrounded himself with three former greats as coaching assistants. And all are young enough to be good demonstrators of the art of playing football. Virgilee (Bo) Bolinger, former all-American guard at Oklahoma, is his line coach with Johnny

Lattner, Notre Dame's great all-American in 1953, as backfield coach and being assisted by Harold (Rusty) Fairly, a familiar name in D. U. football circles as a leader of the championship team in 1954.

Many of the grid experts think Brigham Young University has an excellent chance to cop the Skyline title. Should Tally Stevens pilot the Cougars to their first conference football gonfalon in 1959 he will be the only first year coach in the history of the league to accomplish the feat. Several of the coaches have won in their second season but as yet no first year coach has been able to stimulate his charges enough to make the grade.

When Brigham Young played the University of Arizona in the season opener at Tucson, Coach Tally Stevens brought five Cougars back to their home state. And all five performed capably. They included Ron Jacobsen, 189-pound fullback from Duncan; Jim Shumway, 245-pound guard from Tempe; Norris Fish, 212-pound tackle from Thatcher; Tom Cole, 192-pound end from Yuma; and LeRoy Overstreet, 190-pound end from Chandler.

IDAHO STATE is boosting its 245-pound tackle, Paul Tripp, for all-American honors this fall. Tripp is a former ISC all-conference performer who has just returned from a 3-year hitch in the armed forces. He's the kind of player that a coach is glad to greet upon his return.

COLLEGE OF IDAHO is the oldest grid-iron rival on the Idaho State schedule . . . DeLane Pankratz, 1958 Idaho State all-conference guard, returned to the Pocatello lair as frosh coach . . . Three Bengal gridgers returned to school with brides, Dave Perkins, Tom Jewell and Robert Steinmetz.

Young Russell (Rusty) Taylor, son of former Jordan grid coach, Dunn (Snide) Taylor and last year's captain of the Jordan high eleven, has accepted an appointment to the Air Force Academy . . . Glen Tuckett, former West High football and baseball coach, has been signed to coach the diamond sport at Brigham Young University. He succeeds Jay Van Noy who left the Cougars to play professional baseball and to enter private business . . . University of Utah, in spite of several losing seasons in the last 10 years, retains its rank among the top 25 major colleges in winning percentages in football. For the last quarter of a century the Utes ranked 20th with 135 victories, 84 losses and 15 ties. Notre Dame edged out Oklahoma for the top spot.

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BILL SHAWHAN

PACIFIC COAST



Cal and USC Are Best in West

IT IS APPARENT now that the University of California Golden Bears and the Trojans from the University of Southern California are the strongest grid teams in the West. Cal, led by Wayne Crow, took a surprisingly easy victory from Washington State in the season's opener and the Cougars were thought by many to be the best team on the coast. Pete Elliot seems to have found a quarterback to replace Joe Kapp as his offense has been smooth and powerful to date. The Trojans of U.S.C. have come up with a pair of sophomore speedsters, Alan Shields and Lynn Gaskill, to go with their fine field general, quarterback Willie Wood. Both Shields and Gaskill scored a brace of TD's as the men of Troy trampled Oregon State, 27-6, in the season's opener. The field was heavy and it sprinkled intermittently throughout the contest, yet Gaskill hit for one six-pointer on a 54 yd. jaunt off tackle and Shields marked on a 63 yd. punt return. It was U.S.C.'s first victory at Portland since 1954.

Pacific Pitches

It appears that Stanford, under Jack Curtis, once again is relying upon the passing game. Junior quarterback Dick Norman has been throwing as often and almost as accurately as a Pro QB, but to no avail. The Indians lost a heartbreaker to Oregon, 28-27, in the season's opener. Norman hit for 19 out of 28 passes in that contest but his arm was his undoing as the Indians had a chance to tie the game at 28 all and elected to throw for the point after. Norman picked out his favorite target, Chris Buford, and winged an aerial in that direction but it was batted down by a zealous Duck lineman. . . . Evidently Oregon has found a spark plug in quarterback Dave Grosz. Grosz scored one TD and threw for two others as the Ducks squeaked by Stanford. . . . UCLA pulled a mild upset in tying Purdue, 0-0. We suspect, however, that the Boilermakers are a much better team than they showed and that the Bruins were quite lucky

to go home with a tie. The Bruin defense is fairly tough but the offense leaves much to be desired. . . . The University of Washington has fielded a poised, alert, and polished ball club. The Huskies defeated Colorado easier than the 20-12 score would indicate and may be a sleeper. . . . **Ed Cody**, former Chicago Bear, and now head coach at the University of California at Santa Barbara, has what may be his best team yet at that school. . . . Over half of Len Casanova's Oregon footballers are sophomores. . . . Jerry Finnigan and Ed Griffin, both June graduates of the University of San Francisco, are handling the coaching chores for head coach Robert C. "Sarge" MacKenzie this fall. MacKenzie, who originated USF's low pressure "football for fun" system, is recovering from a slight stroke. . . . **Ray Norton**, the world's fastest human and a double gold medal winner in the Pan American Games, is the starting left halfback for San Jose State College, as the Spartans have fielded a complete team of returning lettermen. . . . Head Coach **Jim Sutherland** of the Washington State Cougars likes to keep the public guessing. Recently he made the following two statements one after another. "When it comes to top talent we are as richly endowed as any team in the nation." Next he said, "We will not have anything you should call a prospective Rose Bowl team, or a dark horse Rose Bowl team." This is what is commonly referred to as sticking your neck out. . . . Reports continue out of Berkeley that Greg Engelhard is on his way out at the University of California and that Paul "Bud" Hastings will replace him as Athletic Director. We have been told that this may be a result of interoffice friction between Engelhard and some of the coaches. It was brought to light last spring when Pete Newell, fresh from directing his Cal cagers to the NCAA championship, announced that he was considering an offer from the University of Washington. When explaining his flirtation with the Northern offer, Newell described his reasons as "extenuating circum-

stances of a private nature." . . . Although Tom Hamilton, the new Director of the Athletic Association of Western Universities, has said that money is no object where he is concerned, don't let anybody tell you the almighty dollar isn't a big factor in the new setup, all the idealistic talk notwithstanding. Hamilton was hired to give the league national stature to be sure, but there's recognition that the colleges have a terrific fight on their hands with the pros over the entertainment dollar. That was a major consideration when a "fighting man" was employed. . . . Gonzaga University at Spokane has imported another giant. **George Trontzos**, a 7 foot 2 in. Greek has enrolled at the school and will be available for basketball this fall. He and Hans Albertson of Sweden, another transatlantic giant, figure to form the nucleus of the Gonzaga cage squad for the coming campaign. . . . **Ernie Beyer**, a 1950 graduate of USC and more recently a reporter of collegiate athletic news for the San Francisco News, has been appointed publicity director of the new Athletic Association of Western Universities. . . . The San Francisco State Gators had a tough time in their initial football tilt of the season but managed to eke out a narrow, 20-16, victory. Their opponents? The Pirates of San Quentin prison. . . . The University of San Francisco soccer team, defending champions of the Northern California Intercollegiate Soccer Conference, opened its 1959 seven game slate October 3 at San Francisco State. . . . Little Pepperdine College in Los Angeles has two 10 second men from the track team in the starting backfield in the person of Clayton Tave and Purcell Daniels. . . . Dick Bass, a halfback for the College of Pacific and the first college player ever to be selected a pro club's (Los Angeles Rams) No. 1 choice with college eligibility remaining, has already been hurt much of the early season and has proved far less effective than last year.



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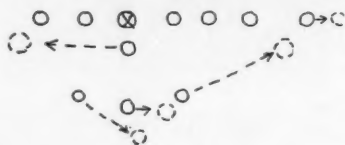
PICTURED AT RIGHT is an illustration of the "Sington Spot-Chek." This is a vest designed to be worn by chainmen and boxmen. Made of bright gold and black nylon-combat cloth, it immediately distinguishes the chain crew from game officials. The large pattern and bright colors make it easy to instantly locate the chainmen and boxmen, thus pinpointing the ball.

This gives instant vision and is a great aid to quarterbacks and coaches in locating the position of the ball and necessary yardage. It enables the working press and sportscasters to give quick and more accurate reporting.

The "Sington Spot-Chek" was designed by Fred Sington, all-time All-American at the University of Alabama, with eighteen years' experience as a Southeastern Conference official. Thanks, Fred, for a worthwhile contribution to the game!

Advantages of the Shift

(Continued from page 12)



Diag. #3

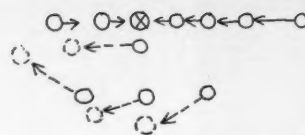
moves out to the wing back position (this is a pretty good distance so his steps must be long ones); the fullback shifts over to a spot directly behind the strong side guard and three yards deep, the quarterback hikes over to a position directly behind his inside tackle. The left halfback moves over and back so he is five yards deep with his strong side foot directly behind the ball. See **Diagram 2**.

Diagram 3 shows how a double-wing formation is obtained.

On occasion we change into an unbalanced line right with the backs shifted left. This formation provides a change of pace against defenses which have a tendency to overshift to the strong side of the line. It is particularly effective in sweeping or running off tackle to the short side and hitting directly over center. Unless it has been extremely well scouted the defense will commonly fail to adjust interior linemen adequately.

Diagram 4 illustrates the switch from "T" formation to unbalanced line right with the backs shifted left.

Another effective maneuver can be



Diag. #4

accomplished by the simple expedient of having the strong side guard line up on the left side of the center as the team leaves the huddle. Then by having the two men switch assignments all plays can be run from a balanced, as well as, an unbalanced line with no further modification necessary. Unless well scouted this change is not easy to detect. If it has not been picked up and shown in the scout report it is quite likely the defense will not adjust properly — at least the first two or three times this formation is used. Generally, too large a gap is left in the center of the line.

As may be easily seen after giving the matter of using a shift and multiple formations a little study, the possibilities of this style of play are almost limitless. This, however, can also be a handicap. If a coach succumbs to the temptation of including too many formations and plays, which this offense suggests, he is liable to overtax the capabilities of his quarterbacks in calling the right plays at the right time and the ability of his players to properly execute the ones he does call. At least, that is true of the quarterbacks and players we get at Mines.



COACH & ATHLETE / October, 1959

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Stunting in the Backfield

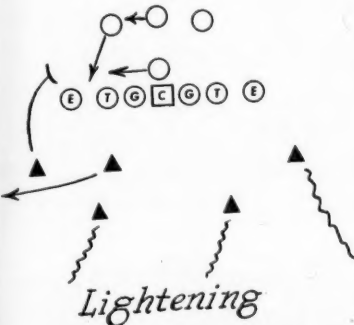
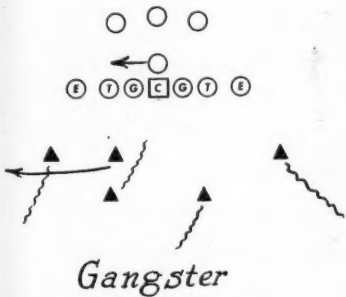
(Continued from page 15)

men: a corner man, linebacker and halfback. For example, we will use our left defensive side. On the snap of the ball, regardless of the flow, our left corner man will sprint back and cover the deep third area to his side of the field (the halfback ordinarily covers this area). The left linebacker will cover the short flat to his side of the field (the corner man ordinarily covers this area). The left halfback will come forward and cover the hook spot (the linebacker ordinarily covers this area). The remaining backs will cover their regular area.

The main advantage of this stunt is having our halfback come forward and being in a good position to stop all short passes in the hook zone. He is going forward and covering the same area that our linebacker usually covers. Our linebacker has to key, sprint back, and set up, all before he can get ready to go forward. You can see that we have definitely strengthened our coverage at this point and it is equally sound in the other areas. We will only call "gangster" to one side at a time.

"LIGHTNING"

"Lightning" is a stunt between our linebacker and corner man only. We first started using this stunt for the



sole reason of eliminating any point of indecision for our corner man. It is a very simple stunt and what it amounts to is, if the flow goes toward the side that we have "lightning" called, the corner man will come across the line of scrimmage very fast and contain the ball carrier. He does not have any pass responsibility at all if the action comes toward him. The linebacker to his side will cover the short flat area if a running pass develops. Our corner man is supposed to contain the passer so fast that a receiver does not have time to get very wide and our linebacker does not have any trouble covering the short flat area. The remaining backs will cover their regular areas. The call, "lightning" will be off if the flow goes away from the side we have it called on, or if a straight drop back pass develops.

We can call "lightning" on both sides at the same time.

We do not use a stunt on every play but with our regular coverage and a stunt occasionally, we can give the opponent's quarterback a lot of different pictures to look at plus the fact that we can completely eliminate all points of indecision for our corner men.

We could talk about "stunts" for a long time, but it still all boils down to the basic principles of pass defense,

and that is, when the ball is in the air, your secondary men must sprint for the ball, play through the receiver for the ball (not around the receiver) and play the ball at the highest point that he possibly can.

If your defenders will do this, and take the attitude that when the ball is in the air that it belongs to him and he is going to do whatever it takes to get it, then you will have a good defensive secondary.

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Campus Close-Up

(Continued from page 9)

season and was head boxing and track coach. He continues in the same position this year. Heiji Shimabukuro, boxing for the C of I, captured the national 112-pound title in the NCAA tournament in April and was eliminated in the semi-finals of the Pan American tournament in August. He was the U. S. representative in his weight.

Assisting Brown in basketball is **Don Parmee**, who holds degrees from Penn State Teachers College and Columbia University. He is also varsity tennis and golf coach.

An unusual situation exists in the health and physical education department. Although Brown is director of athletics, the department head is a woman, **Miss Shirley Kroeger**. It is believed that she is the only woman in the country to hold this type position on a co-educational campus.

Dr. Tom E. Shearer has been president for the past five years. During this brief period the college has witnessed probably its most rapid growth in several areas. More buildings have been constructed or remodeled during this time than any other equal span in previous college history. Faculty salaries have been drastically increased. C of I faculty salary schedule is now the highest in the conference.

In the face of vast enrollments at many schools, the College of Idaho has deliberately cast itself in the role of the good, small (not over 1,000 students) liberal arts college, which has produced so many of this country's leaders.

Missouri Valley

(Continued from page 40)

State College. Graham, a 1957 graduate of NTSC, was a student news service employee while at the school and worked under likeable James L. Rogers, director of the NTSC news service. Rogers, incidentally, has a Doctor's degree in journalism.

Record books at the University of Missouri show that the Tigers have roared their loudest on the gridiron in years ending in "9." In fact, starting in 1899 and at regular 10-year intervals — no Mizzou team has ever posted a losing record.

Those teams — 1899, 1909, 1919, 1929, 1939 and 1949 — had an overall won-lost record of 41-9-4. The 1909 team was unbeaten, while the 1939 and 1949 squads won post-season bowl contests.

The 1899 team had a 9-2-0 season and no Mizzou club before or since has had that many victories. David Fultz was coach and John Kramer captain. In 1909 the record was 7-0-1 and it was the only team in 68 years at the school to go unbeaten. Bill Roper was the coach in 1909 and Carl Ristine the captain. John Miller coached the 1919 team, which was 5-1-2, and Anton Standowski the captain. In 1929 the Tigers, coached by Gwinn Henry and captained by John Waldorf, finished with 5-2-1. Coach Don Faurot's 1939 team had an 8-1-0 campaign and won from Georgia Tech in a bowl game. In 1949 Faurot's Missourians were 7-3-0 and they beat Maryland in a bowl contest.

STATEMENT REQUIRED BY THE ACT OF AUGUST 24, 1912, AS AMENDED BY THE ACTS OF MARCH 3, 1933, AND JULY 2, 1946 (Title 39, United States Code, Section 233) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF

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Sworn to and subscribed before me this 17th day of September, 1959.

ILA MAE TOMLENSON
(My commission expires April 10, 1960)

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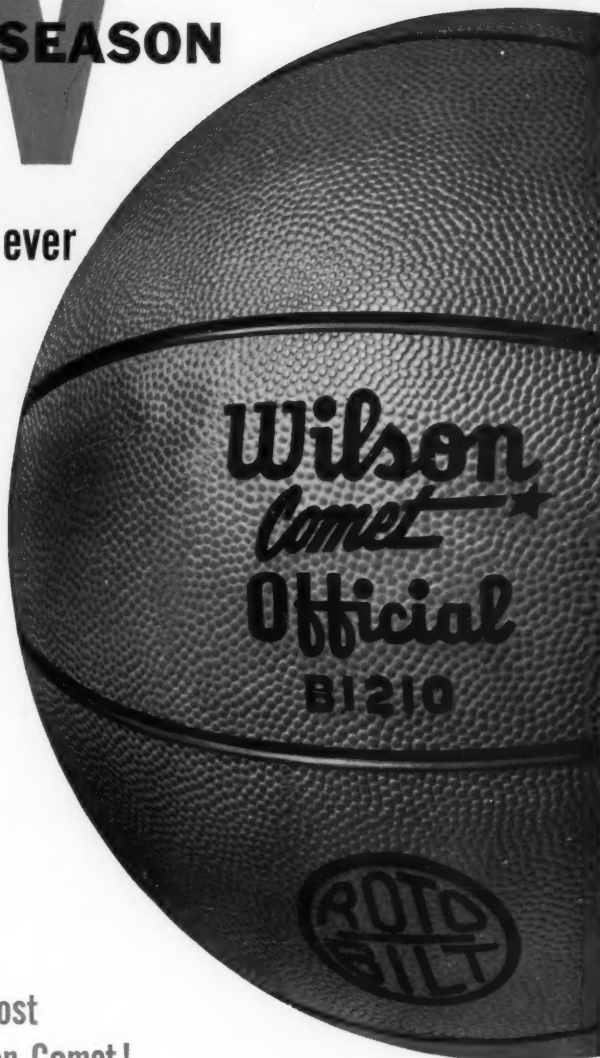
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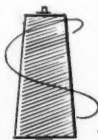
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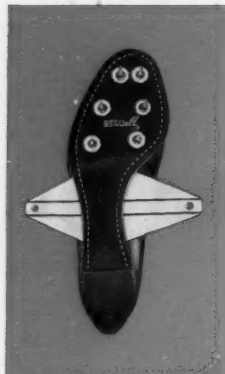
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